

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103258.D
 Acq On : 27 Feb 2018 13:09
 Operator : SJ/JU
 Sample : PB106864BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106864BS

Manual Integrations
 APPROVED

Sohil
 2/28/2018 11:17:25 AM

Quant Time: Feb 27 17:07:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	118014	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	513541	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	237678	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	426431	20.00	ng	0.00
75) Chrysene-d12	14.06	240	312396	20.00	ng	0.00
86) Perylene-d12	15.56	264	299664	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1021338	130.89	ng	0.01
7) Phenol-d6	6.51	99	1241874	130.07	ng	0.00
23) Nitrobenzene-d5	7.44	82	714587	79.47	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	267118	132.77	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1139853	81.89	ng	0.00
78) Terphenyl-d14	12.99	244	1149785	88.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	192760	46.773	ng	90
3) Pyridine	3.49	79	512012	46.536	ng	94
4) n-Nitrosodimethylamine	3.44	42	234389	52.823	ng	98
6) Aniline	6.54	93	480315	34.856	ng	96
8) 2-Chlorophenol	6.66	128	395737	48.821	ng	97
9) Benzaldehyde	6.43	77	189439	30.471	ng	99
10) Phenol	6.53	94	509213	45.940	ng	88
11) bis(2-Chloroethyl)ether	6.61	93	404491	48.081	ng	94
12) 1,3-Dichlorobenzene	6.82	146	420547	45.399	ng	99
13) 1,4-Dichlorobenzene	6.89	146	419544	45.174	ng	99
14) 1,2-Dichlorobenzene	7.05	146	391968	45.771	ng	97
15) Benzyl Alcohol	7.02	79	340121	47.272	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	669979	46.377	ng	99
17) 2-Methylphenol	7.13	107	341153	46.312	ng	98
18) Hexachloroethane	7.38	117	158693	46.938	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	266532	44.853	ng	98
20) 3+4-Methylphenols	7.28	107	387762	43.183	ng	# 68
22) Acetophenone	7.28	105	515397	42.997	ng	# 85
24) Nitrobenzene	7.46	77	445033	44.950	ng	97
25) Isophorone	7.69	82	823404	46.492	ng	98
26) 2-Nitrophenol	7.77	139	227441	48.798	ng	97
27) 2,4-Dimethylphenol	7.81	122	367471	51.580	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	513806	49.344	ng	98
29) 2,4-Dichlorophenol	8.02	162	334161	48.991	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	319854	44.036	ng	99
31) Naphthalene	8.18	128	1129120	44.910	ng	100
32) Benzoic acid	7.95	122	233896	44.792	ng	99
33) 4-Chloroaniline	8.23	127	287686	26.516	ng	99
34) Hexachlorobutadiene	8.29	225	161988	42.827	ng	97
35) Caprolactam	8.60	113	123947m	51.705	ng	
36) 4-Chloro-3-methylphenol	8.72	107	376002	48.874	ng	98
37) 2-Methylnaphthalene	8.87	142	746836	45.963	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	280827	43.220	ng	97
40) Hexachlorocyclopentadiene	9.02	237	192703	83.679	ng	99

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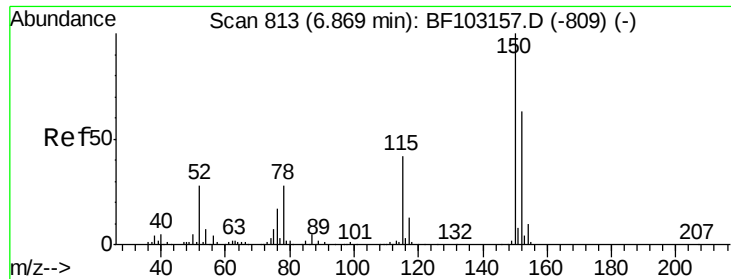
Manual Integrations
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Sohil
 2/28/2018 11:17:25 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	203321	46.504	nq	100
43) 2,4,5-Trichlorophenol	9.19	196	223987	44.543	nq	97
45) 1,1'-Biphenyl	9.33	154	851735	42.766	nq	99
46) 2-Chloronaphthalene	9.36	162	696374	44.196	nq	97
47) 2-Nitroaniline	9.46	65	267485	45.830	nq	95
48) Acenaphthylene	9.78	152	1040443	42.917	nq	99
49) Dimethylphthalate	9.63	163	847916	44.471	nq	100
50) 2,6-Dinitrotoluene	9.70	165	187368	46.827	nq	95
51) Acenaphthene	9.95	154	605639	42.843	nq	99
52) 3-Nitroaniline	9.87	138	154131	30.362	nq	# 94
53) 2,4-Dinitrophenol	9.99	184	155195	104.086	nq	# 21
54) Dibenzofuran	10.12	168	901769	46.470	nq	97
55) 4-Nitrophenol	10.05	139	258278	82.090	nq	92
56) 2,4-Dinitrotoluene	10.11	165	239996	47.425	nq	# 90
57) Fluorene	10.47	166	717645	43.412	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	163695	48.459	nq	99
59) Diethylphthalate	10.33	149	816855	44.794	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	315636	45.025	nq	97
61) 4-Nitroaniline	10.49	138	232750	45.903	nq	94
62) Azobenzene	10.62	77	848697	45.722	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	114341	44.473	nq	91
65) n-Nitrosodiphenylamine	10.57	169	646116	43.516	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	197237	44.401	nq	91
67) Hexachlorobenzene	11.02	284	207223	42.979	nq	95
68) Atrazine	11.10	200	209133	46.862	nq	99
69) Pentachlorophenol	11.22	266	180311	77.344	nq	98
70) Phenanthrene	11.43	178	1015852	43.287	nq	99
71) Anthracene	11.49	178	1054805	43.832	nq	99
72) Carbazole	11.64	167	1039490	43.376	nq	99
73) Di-n-butylphthalate	11.96	149	1331590	44.406	nq	100
74) Fluoranthene	12.62	202	1043099	44.232	nq	98
76) Benzidine	12.74	184	571899	48.968	nq	98
77) Pyrene	12.86	202	1060502	43.541	nq	99
79) Butylbenzylphthalate	13.46	149	595828	46.302	nq	97
80) Benzo(a)anthracene	14.04	228	908486	44.821	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	236665	32.717	nq	97
82) Chrysene	14.09	228	862465	43.822	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	793982	45.722	nq	98
84) Di-n-octyl phthalate	14.64	149	1373450	48.952	nq	100
85) Indeno(1,2,3-cd)pyrene	17.09	276	788788	50.625	nq	98
87) Benzo(b)fluoranthene	15.12	252	898681	45.612	nq	97
88) Benzo(k)fluoranthene	15.15	252	799561	43.096	nq	100
89) Benzo(a)pyrene	15.50	252	811087	46.099	nq	97
90) Dibenzo(a,h)anthracene	17.09	278	652523	47.996	nq	96
91) Benzo(g,h,i)perylene	17.54	276	681807	51.312	nq	98

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



#1

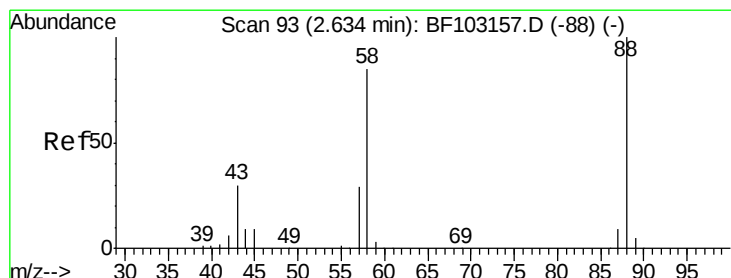
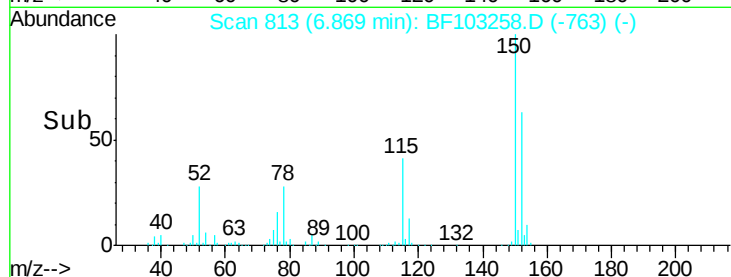
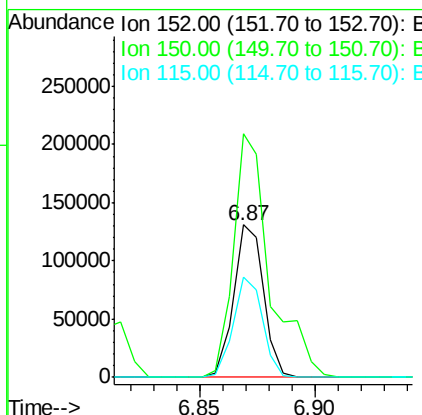
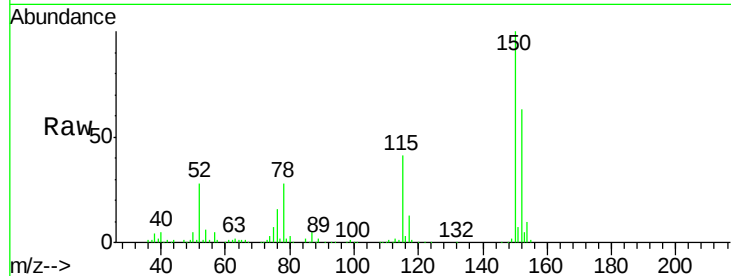
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Instrument :
BNA_F
ClientSampled :
PB106864BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	66.1	50.1	75.1

Manual Integrations
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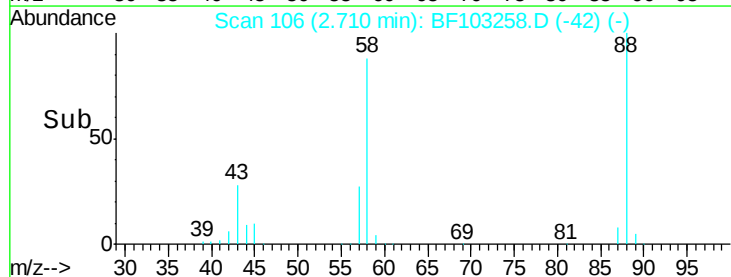
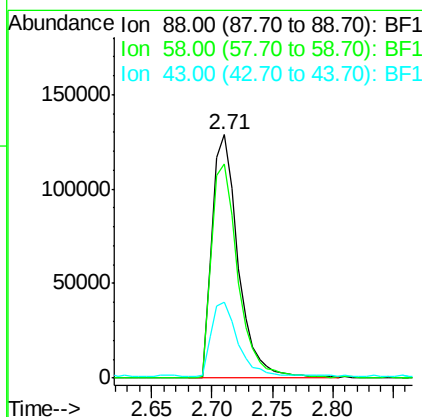
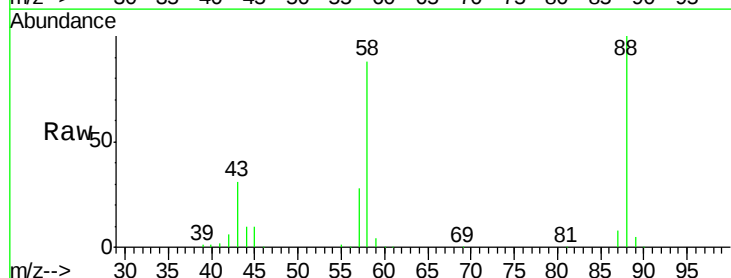
Sohil
2/28/2018 11:17:25 AM



#2

1,4-Dioxane
Concen: 46.773 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.08 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.1	62.6	93.8
43	31.2	24.6	37.0





#3

Pvridine

Concen: 46.536 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.07 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Instrument :

BNA_F

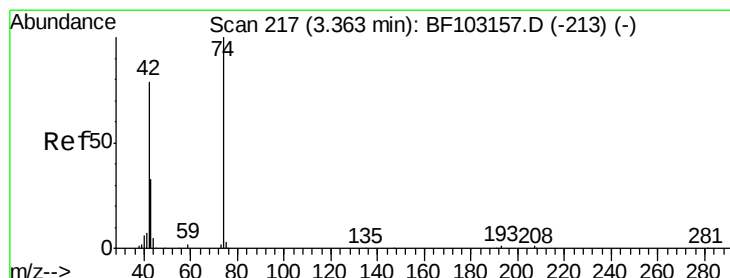
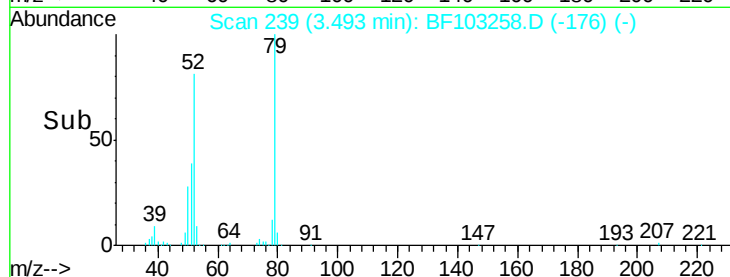
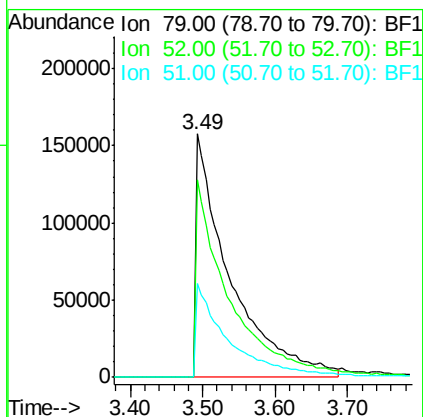
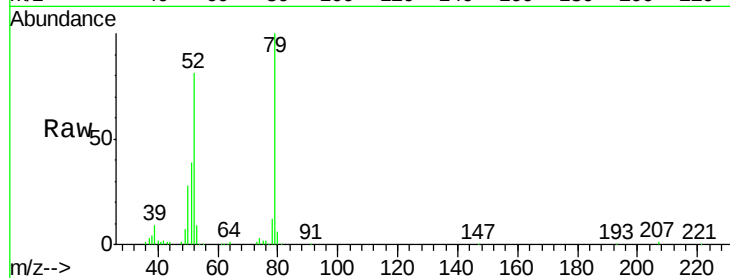
ClientSampleId :

PB106864BS

Tot Ion:	79	Resp:	512012
Ion Ratio	Lower	Upper	
79	100		
52	80.9	59.8	89.6
51	38.8	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 52.823 ng

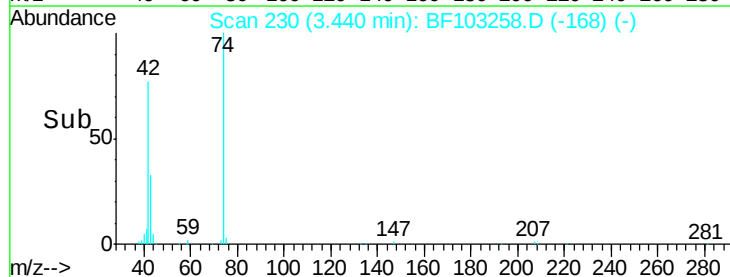
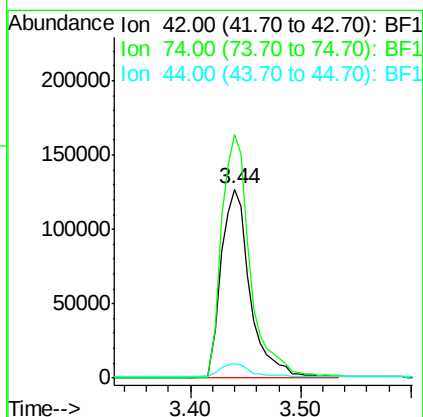
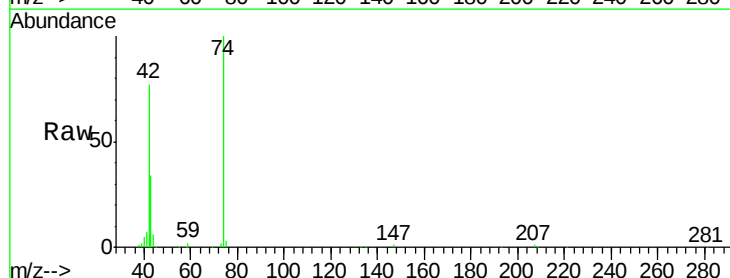
RT: 3.44 min Scan# 230

Delta R.T. 0.06 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Tgt Ion:	42	Resp:	234389
Ion Ratio	Lower	Upper	
42	100		
74	129.0	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 130.891 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Instrument :

BNA_F

ClientSampleId :

PB106864BS

Tot Ion: 112 Resp: 1021338

Ion Ratio Lower Upper

112 100

64 64.8 47.9 71.9

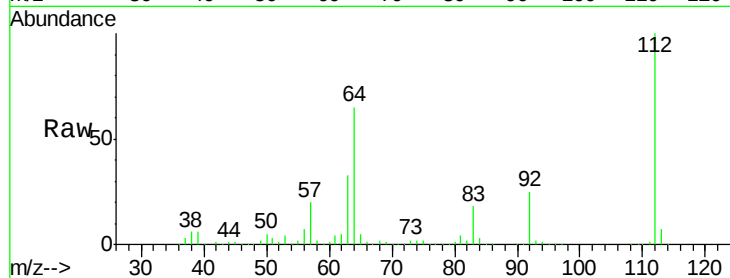
63 32.8 23.7 35.5

Manual Integrations

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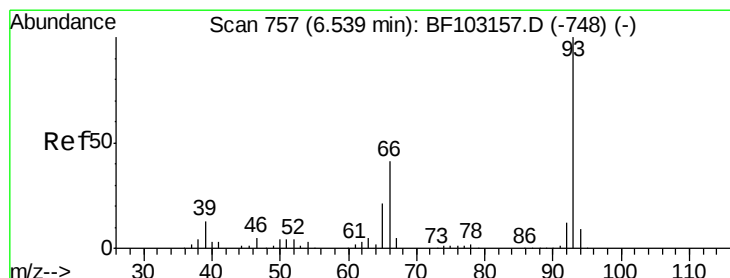
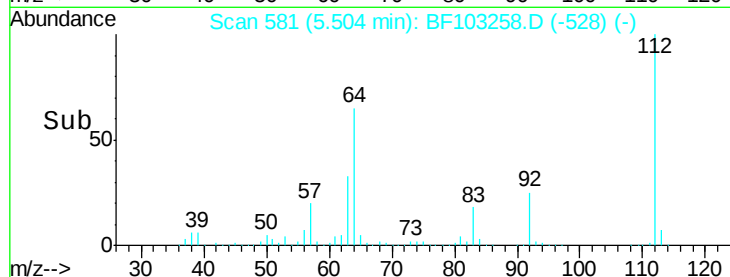
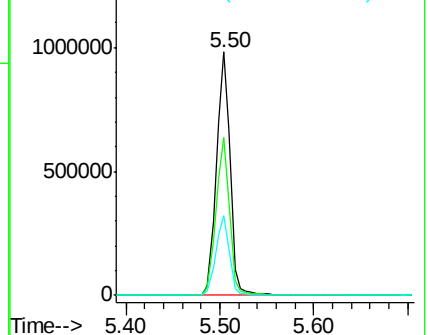
2/28/2018 11:17:25 AM



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: 34.856 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

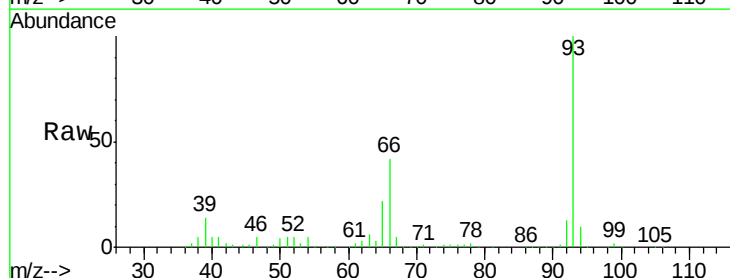
Tgt Ion: 93 Resp: 480315

Ion Ratio Lower Upper

93 100

66 42.3 32.2 48.2

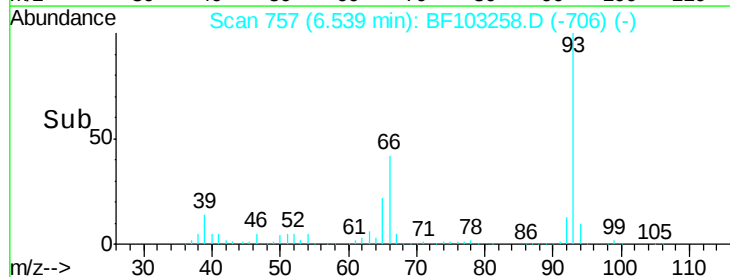
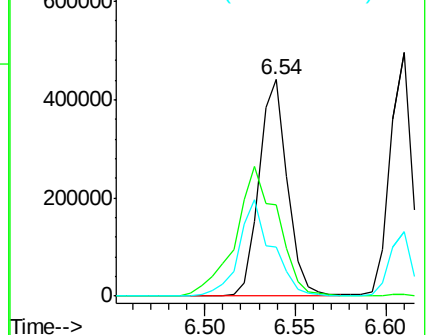
65 22.4 16.4 24.6

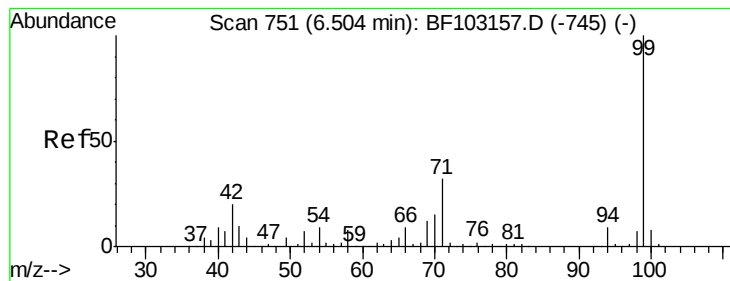


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.065 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Instrument :

BNA_F

ClientSampleId :

PB106864BS

Tot Ion: 99 Resp: 1241874

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

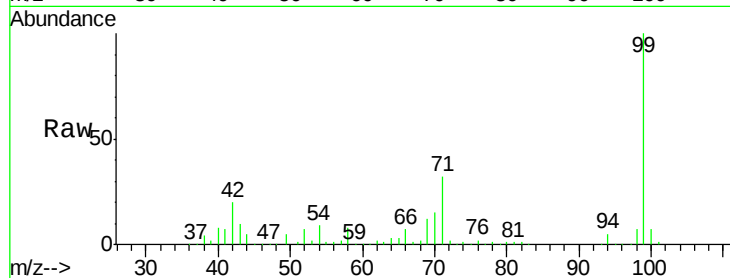
71 32.3 25.4 38.0

Manual Integrations

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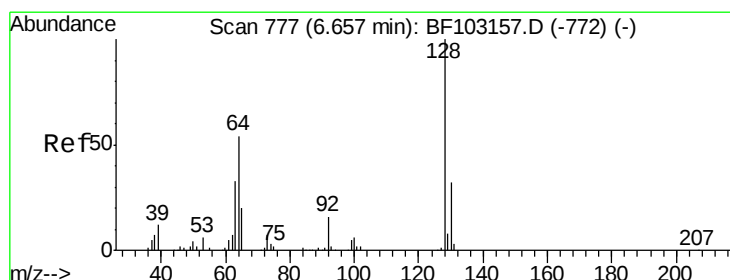
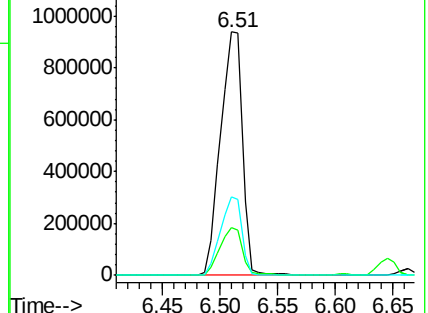
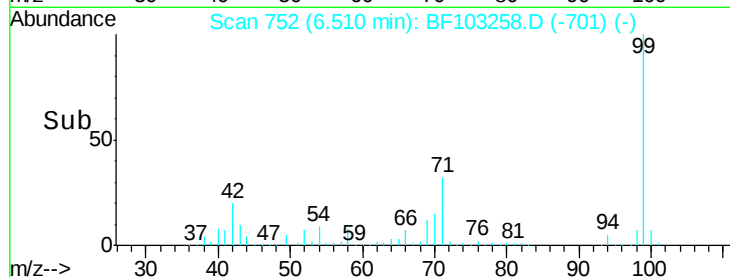
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.821 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

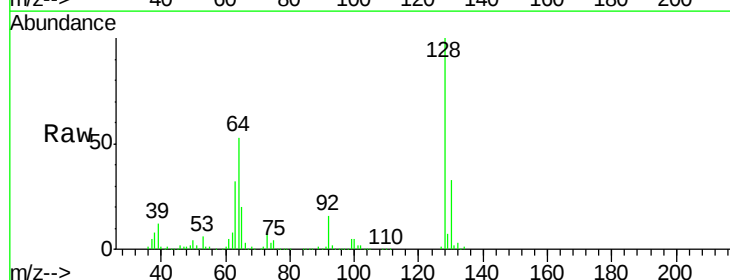
Tgt Ion: 128 Resp: 395737

Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

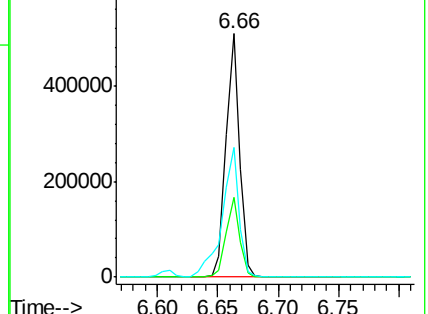
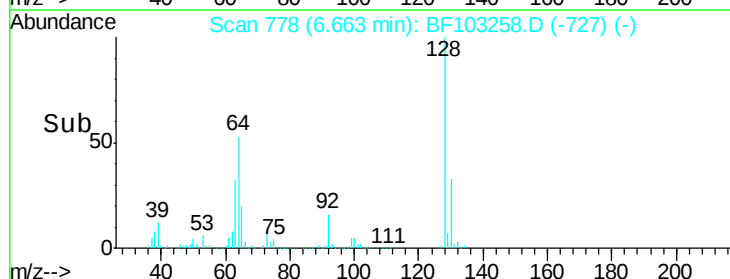
64 53.2 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.471 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Instrument :

BNA_F

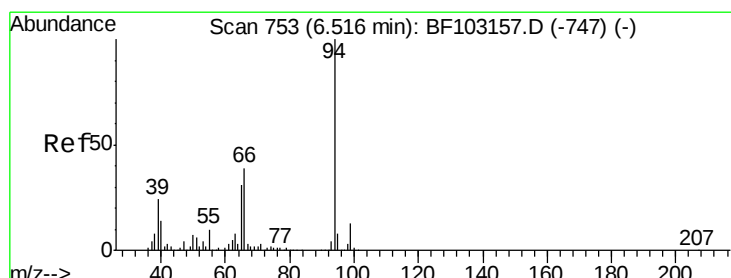
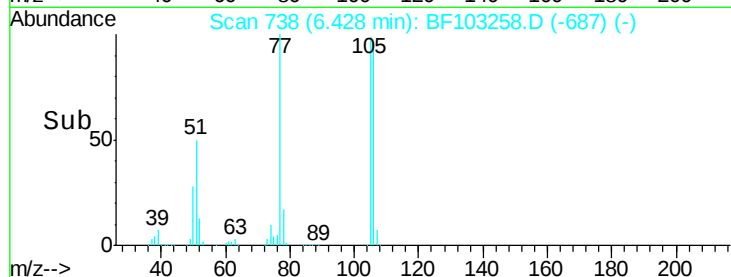
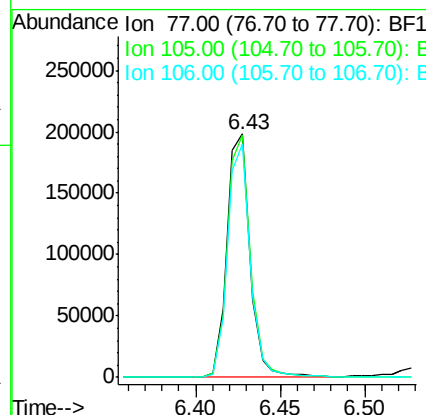
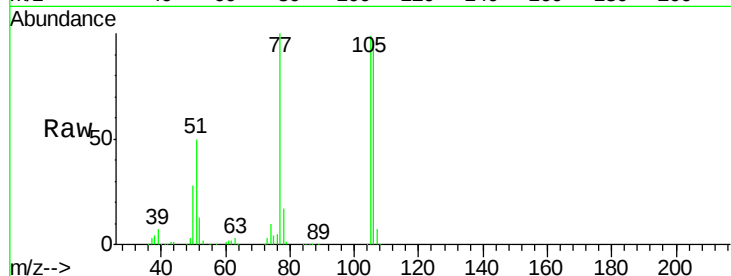
ClientSampled :

PB106864BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.5	81.1	121.1
106	95.7	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 45.940 ng

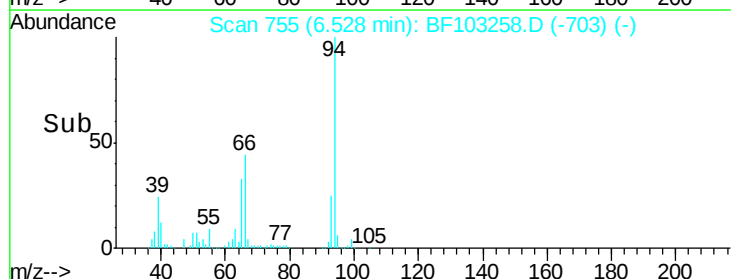
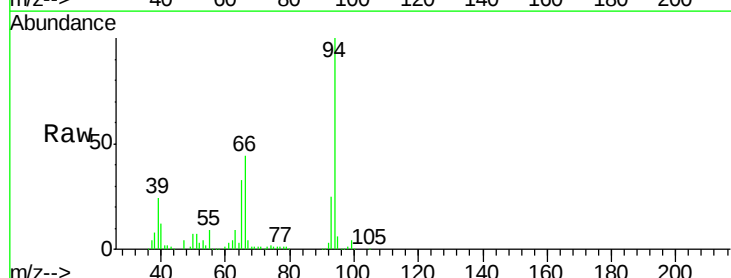
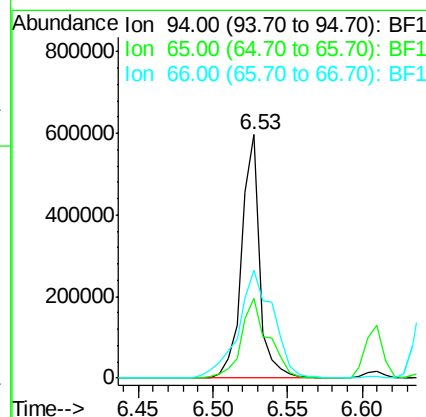
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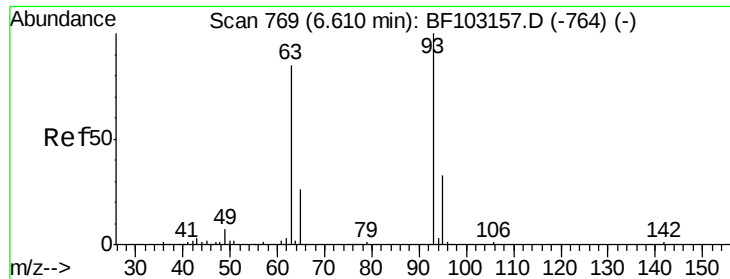
Delta R.T. 0.01 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.8	7.9	47.9
66	44.1	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 48.081 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Instrument :

BNA_F

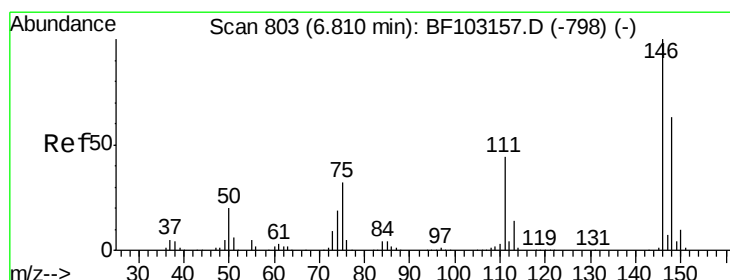
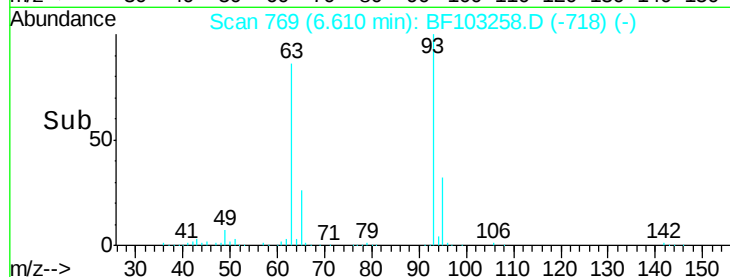
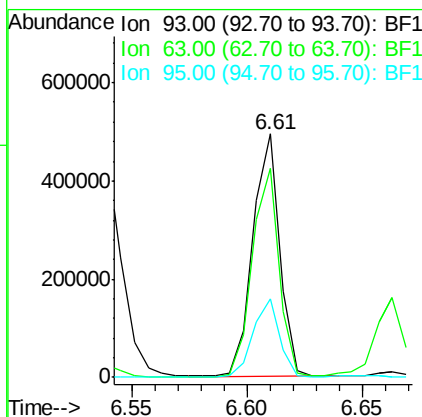
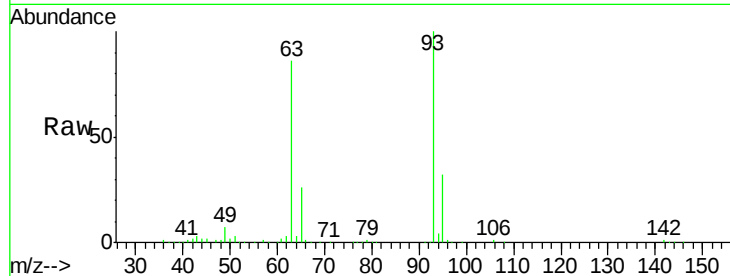
ClientSampleId :

PB106864BS

Tot Ion:	93	Resp:	404491
Ion Ratio	Lower	Upper	
93	100		
63	85.9	58.6	98.6
95	32.0	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 45.399 ng

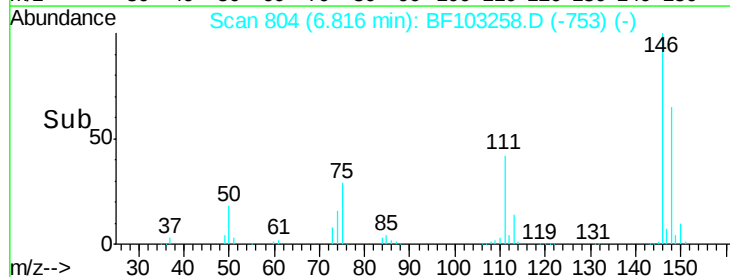
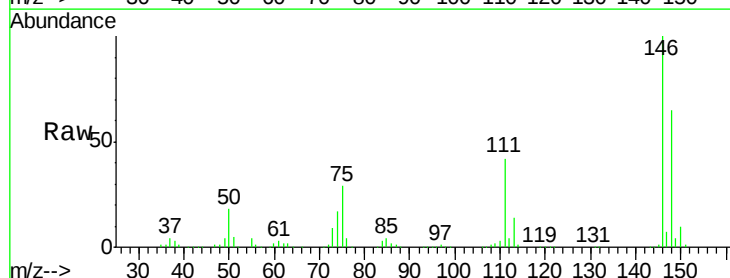
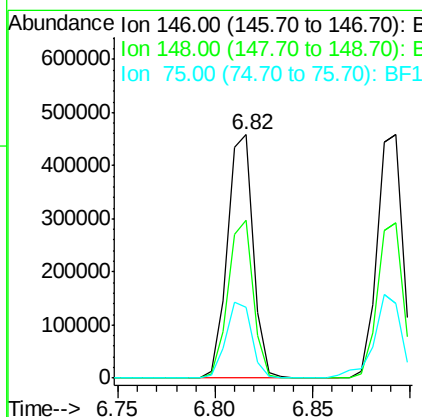
RT: 6.82 min Scan# 804

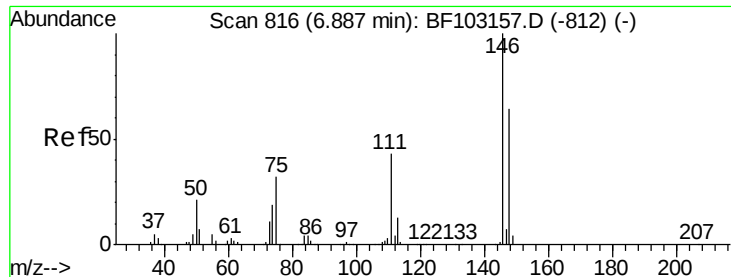
Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Tgt Ion:	146	Resp:	420547
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.8	77.8
75	29.1	24.2	36.4





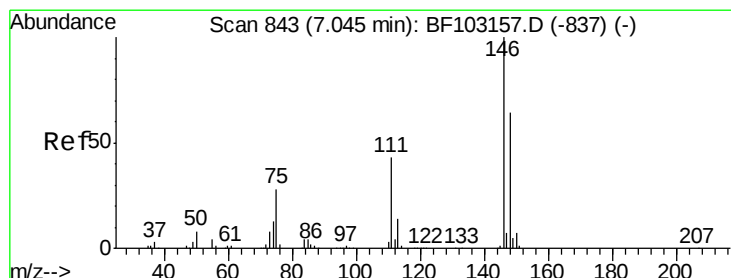
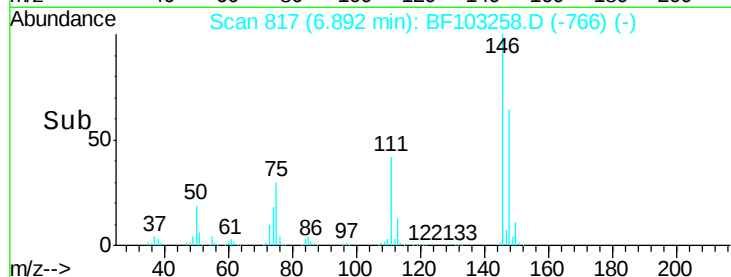
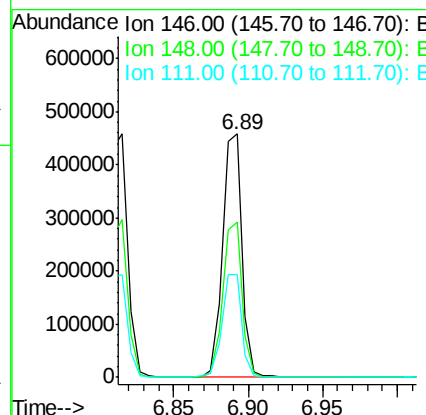
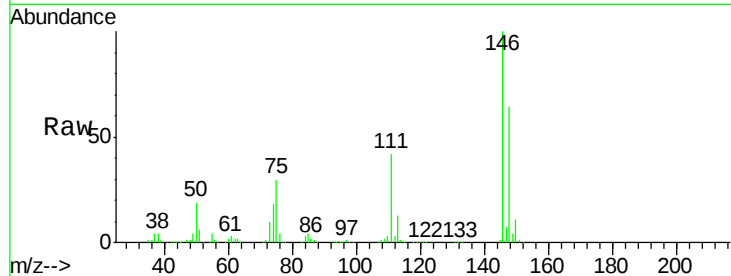
#13
 1,4-Dichlorobenzene
 Concen: 45.174 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampled :
 PB106864BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	42.0	34.2	51.2

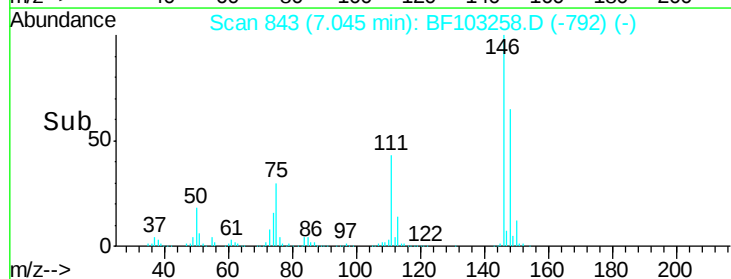
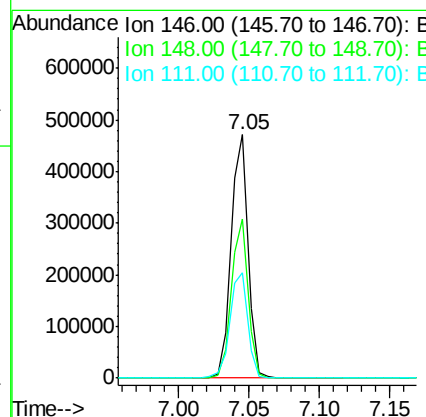
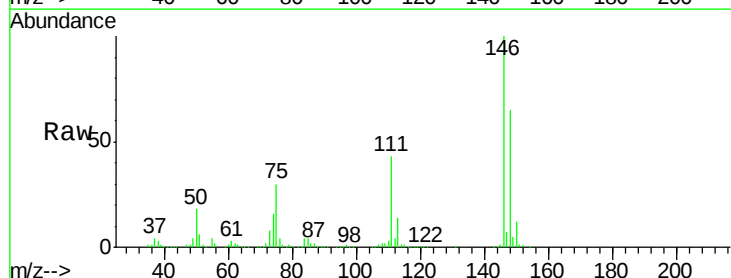
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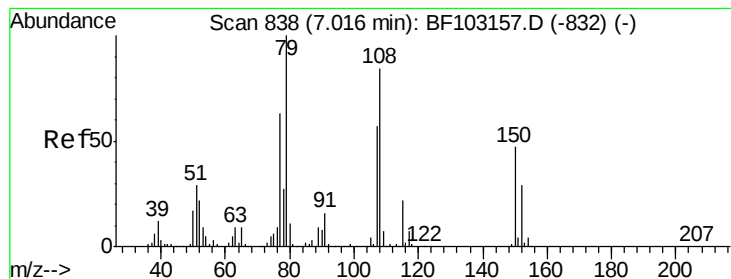
Sohil
 2/28/2018 11:17:25 AM



#14
 1,2-Dichlorobenzene
 Concen: 45.771 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.6	75.8
111	43.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 47.272 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Instrument :

BNA_F

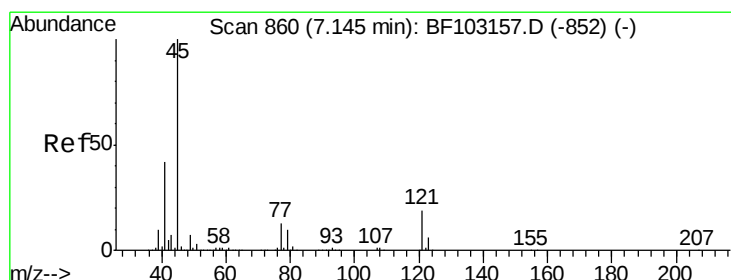
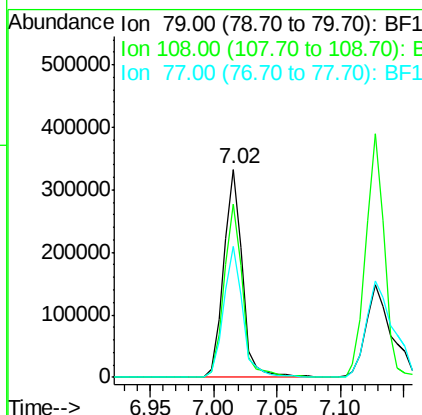
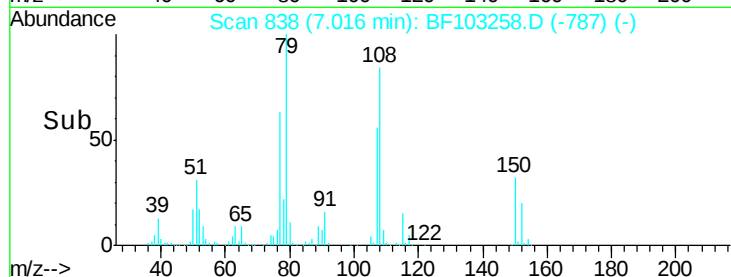
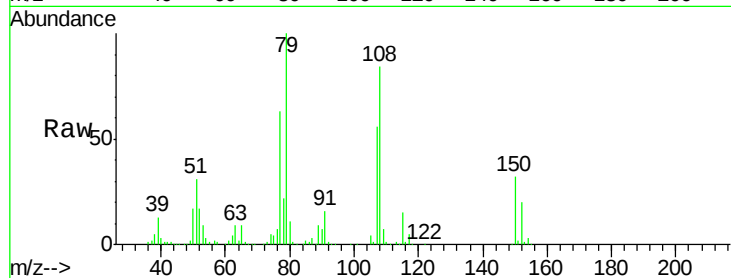
ClientSampled :

PB106864BS

Tot Ion:	79	Resp:	340121
Ion Ratio	Lower	Upper	
79	100		
108	83.5	65.1	97.7
77	62.9	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.377 ng

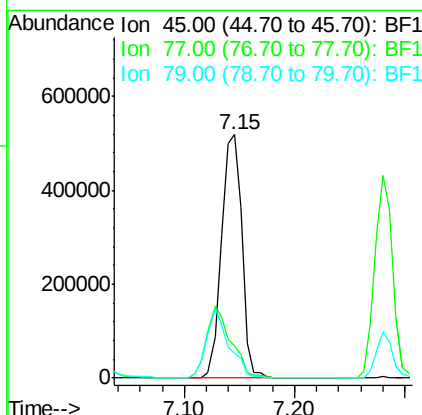
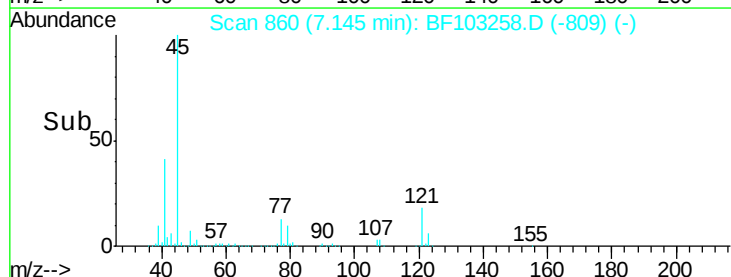
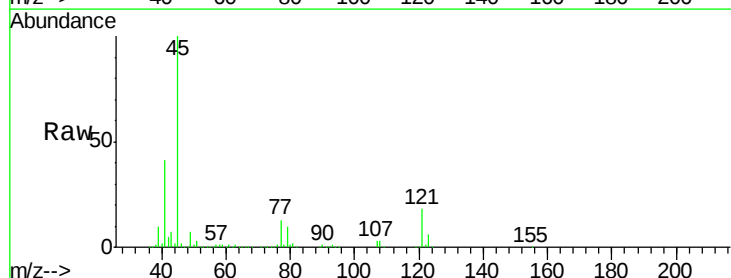
RT: 7.15 min Scan# 860

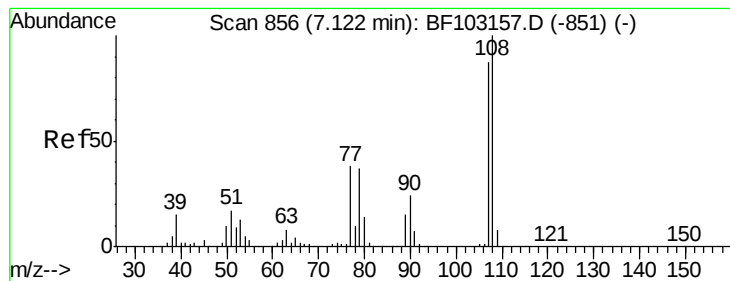
Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Tgt Ion:	45	Resp:	669979
Ion Ratio	Lower	Upper	
45	100		
77	13.1	0.0	32.9
79	10.4	0.0	29.6





#17

2-Methylphenol

Concen: 46.312 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Instrument :

BNA_F

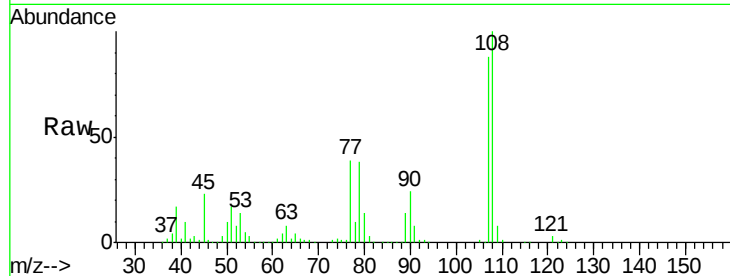
ClientSampleId :

PB106864BS

Tot Ion:	107	Resp:	341153
Ion Ratio	Lower	Upper	
107	100		
108	113.2	91.7	137.5
77	44.7	33.8	50.8
79	43.0	33.8	50.8

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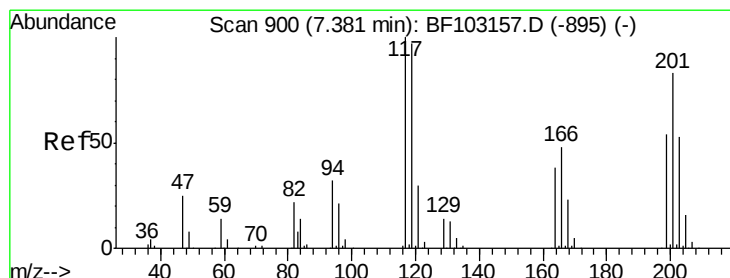
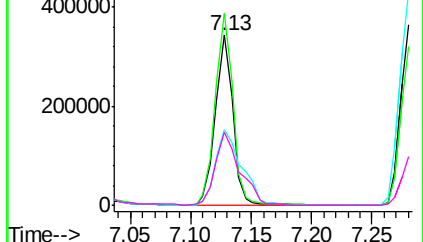
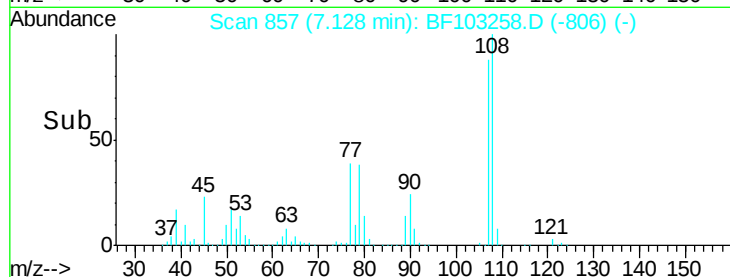


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 46.938 ng

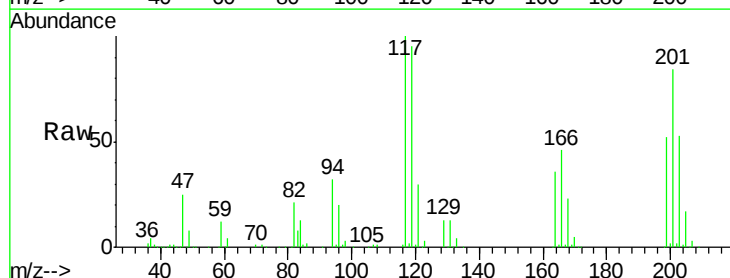
RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

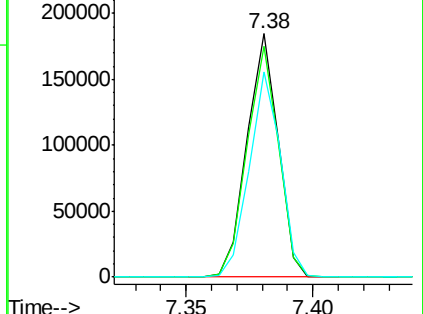
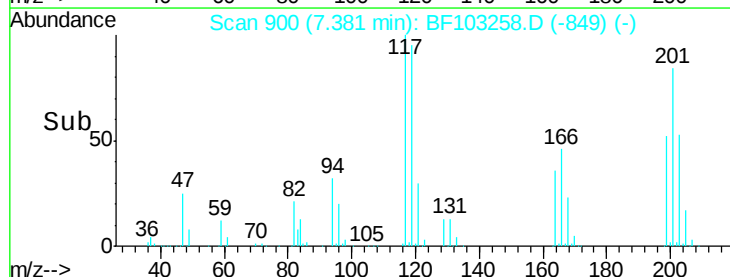
Tgt Ion:	117	Resp:	158693
Ion Ratio	Lower	Upper	
117	100		
119	94.6	75.8	113.8
201	84.2	75.7	113.5

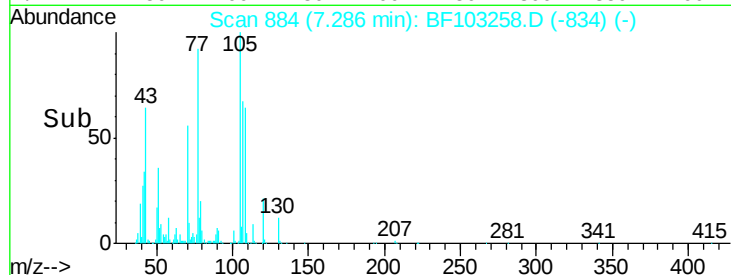
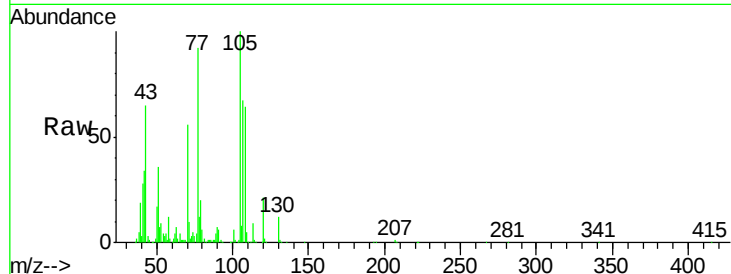


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





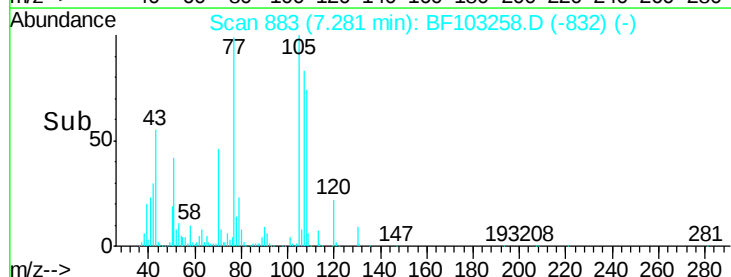
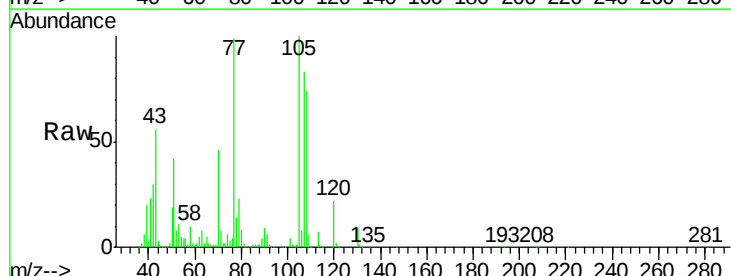
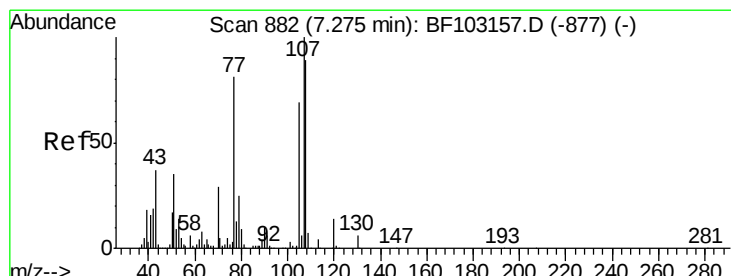
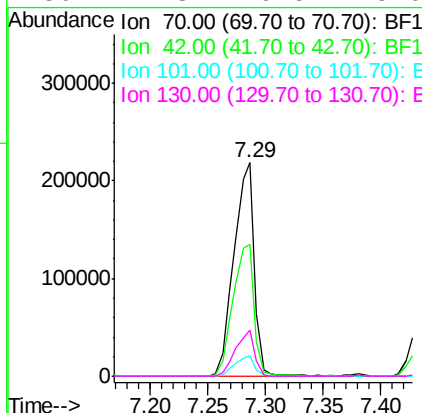
#19
n-Nitroso-di-n-propylamine
Concen: 44.853 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106864BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.5	47.5	71.3
101	9.9	7.4	11.2
130	21.3	16.6	25.0

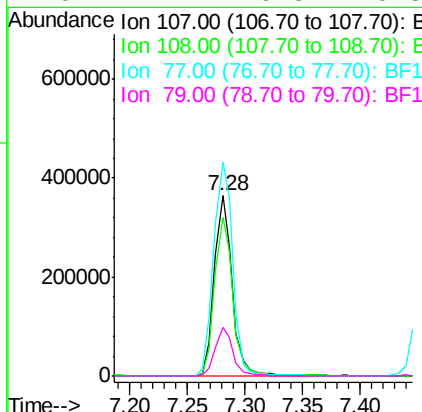
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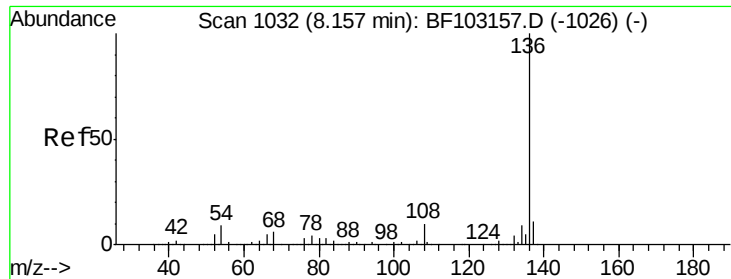
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#20
3+4-Methylphenols
Concen: 43.183 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.2	108.2
77	118.5	26.7	66.7#
79	27.2	6.3	46.3





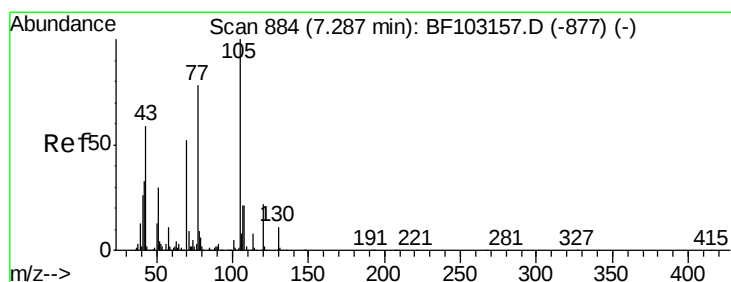
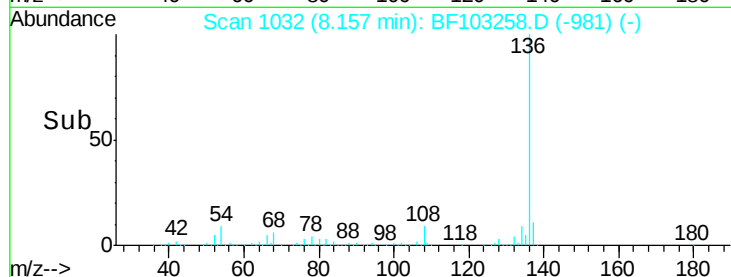
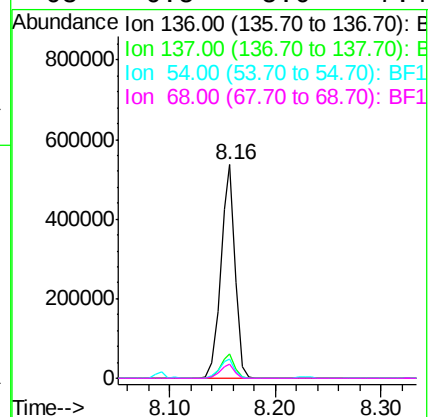
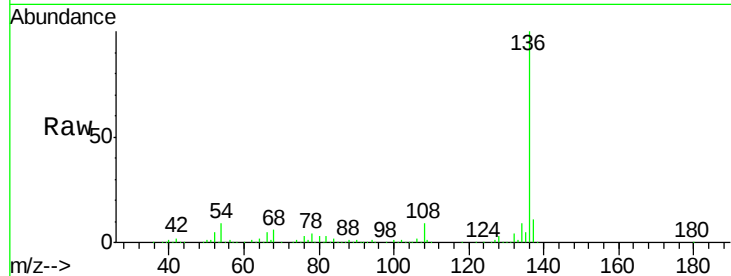
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106864BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		513541		
137	11.2		8.9	13.3	
54	9.2		6.6	9.8	
68	6.5		5.0	7.4	

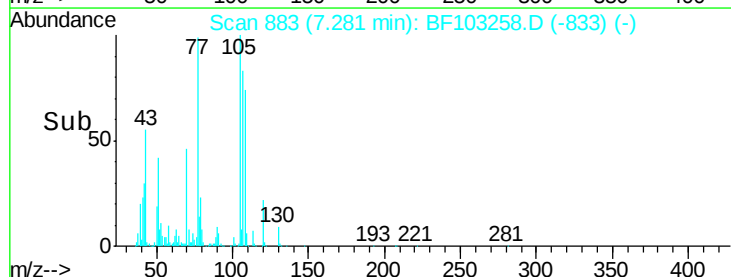
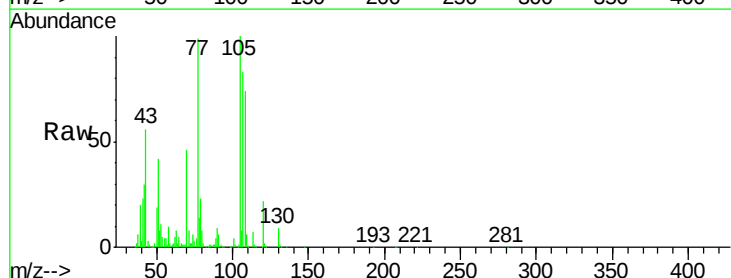
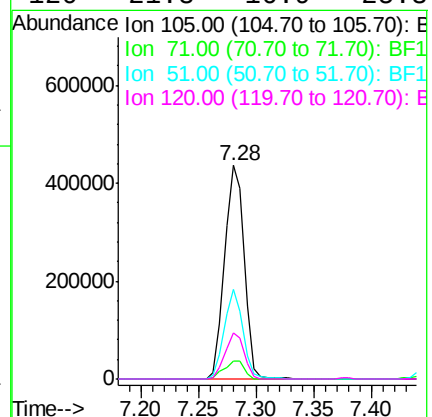
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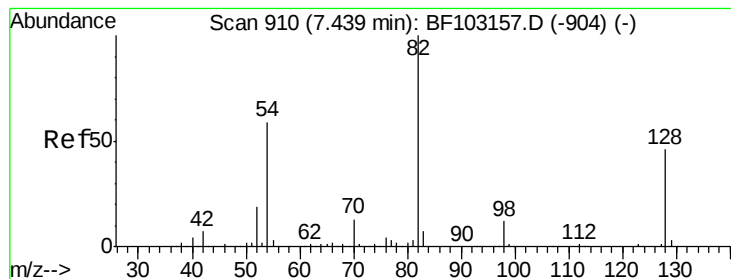
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#22
Acetophenone
Concen: 42.997 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		515397		
71	8.3		4.4	6.6#	
51	41.7		22.3	33.5#	
120	21.8		16.9	25.3	





#23

Nitrobenzene-d5

Concen: 79.466 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Instrument :

BNA_F

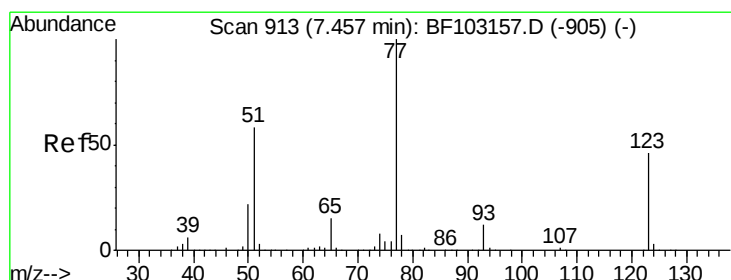
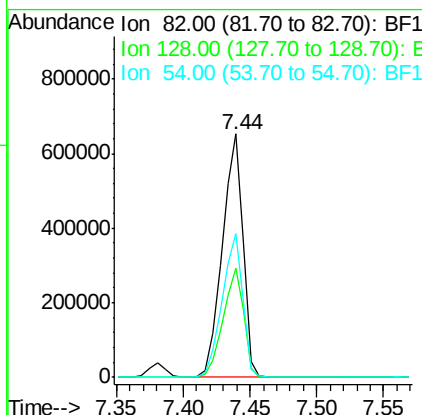
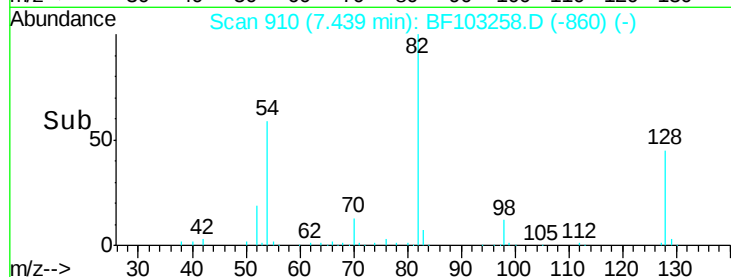
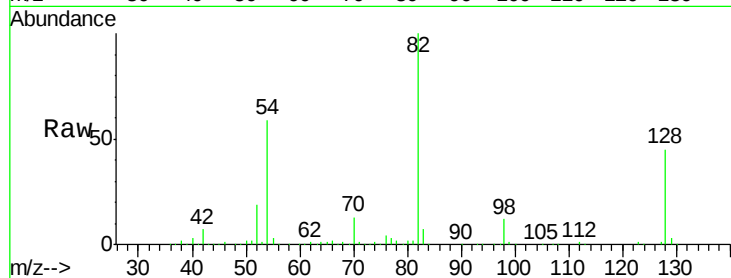
ClientSampleId :

PB106864BS

Tot Ion:	82	Resp:	714587
Ion Ratio	Lower	Upper	
82	100		
128	44.9	36.1	54.1
54	58.9	41.4	62.2

Manual Integrations
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#24

Nitrobenzene

Concen: 44.950 ng

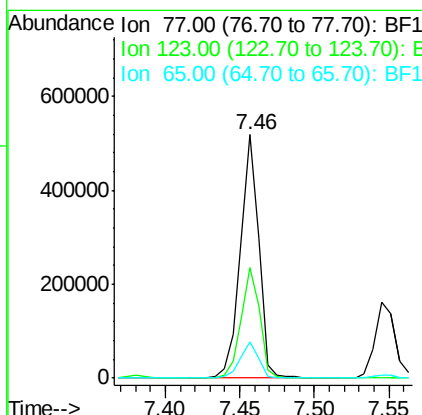
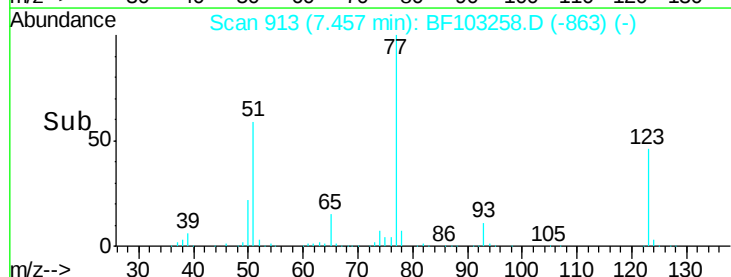
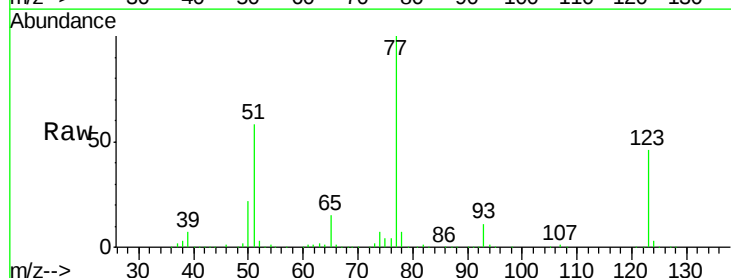
RT: 7.46 min Scan# 913

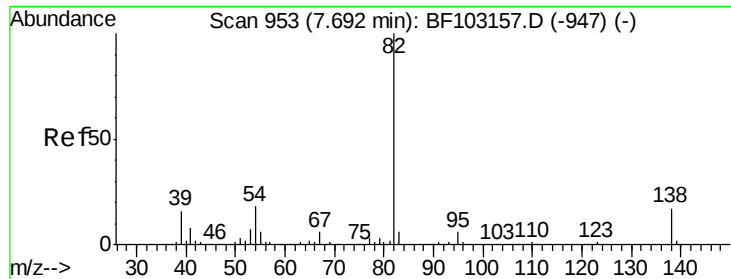
Delta R.T. -0.01 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Tgt Ion:	77	Resp:	445033
Ion Ratio	Lower	Upper	
77	100		
123	45.5	37.9	56.9
65	14.6	11.0	16.4





#25

Isophorone

Concen: 46.492 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Instrument :

BNA_F

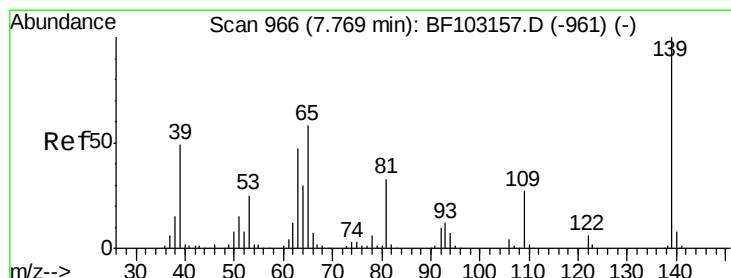
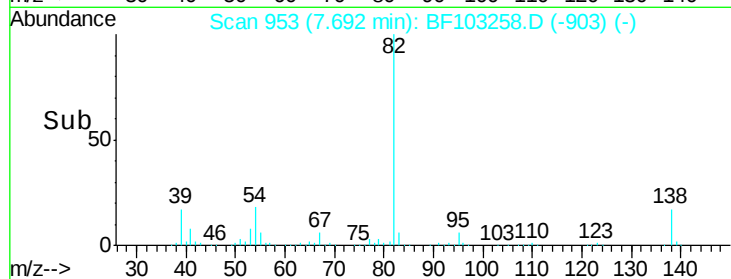
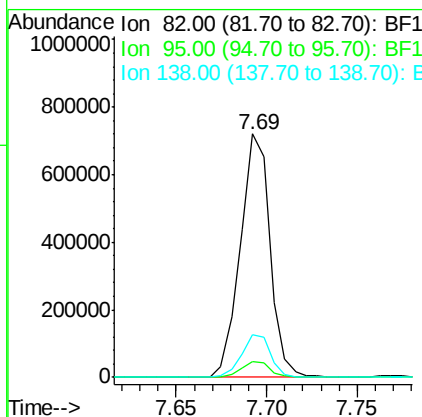
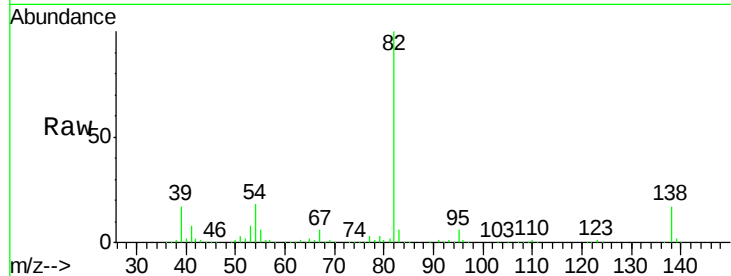
ClientSampleId :

PB106864BS

Tot Ion:	82	Resp:	823404
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	17.3	14.9	22.3

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#26

2-Nitrophenol

Concen: 48.798 ng

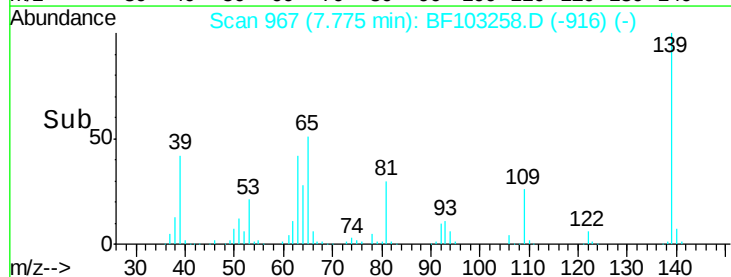
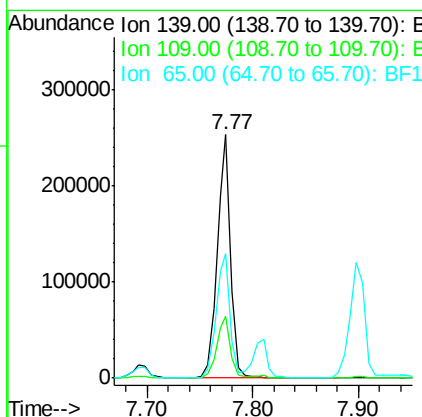
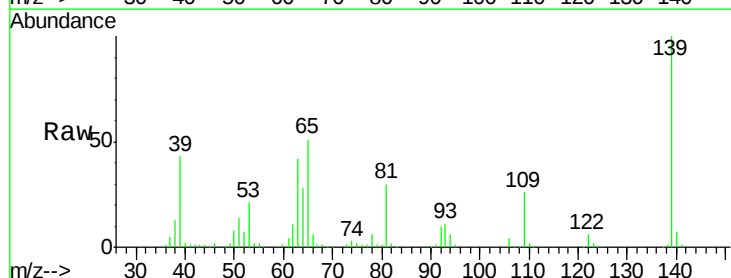
RT: 7.77 min Scan# 967

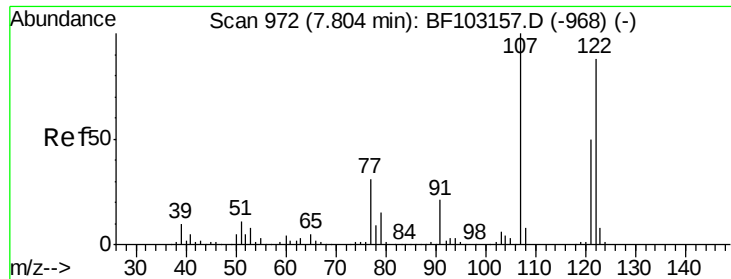
Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Tgt Ion:	139	Resp:	227441
Ion Ratio	Lower	Upper	
139	100		
109	25.6	22.7	34.1
65	51.3	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 51.580 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Instrument :

BNA_F

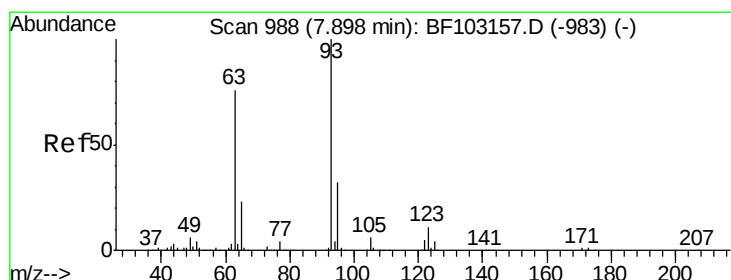
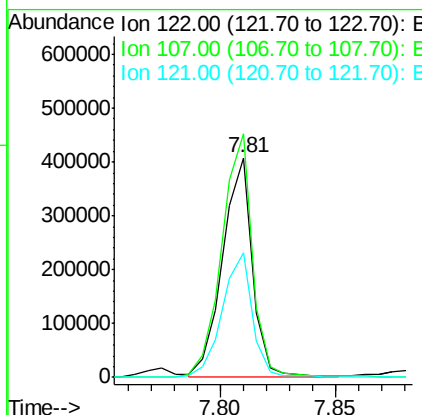
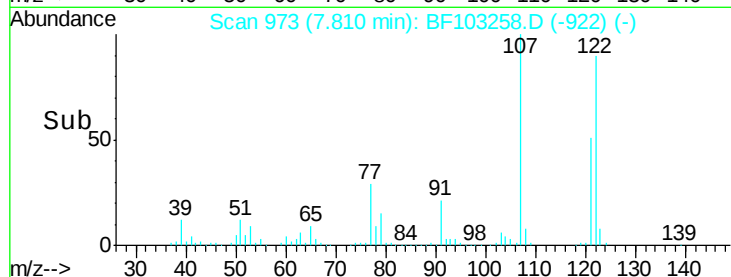
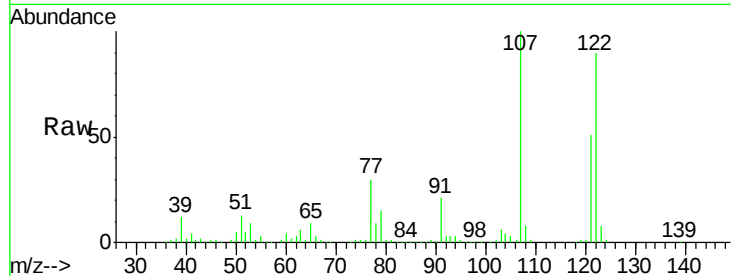
ClientSampleId :

PB106864BS

Tot Ion:	122	Resp:	367471
Ion Ratio	Lower	Upper	
122	100		
107	111.0	91.2	136.8
121	56.7	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 49.344 ng

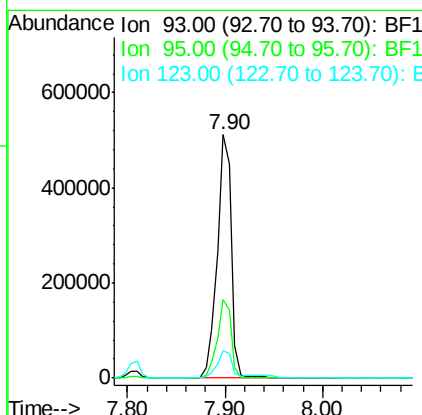
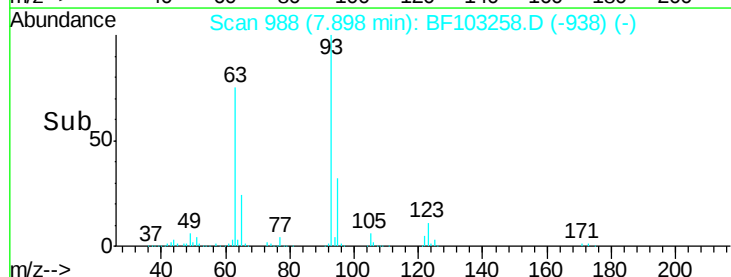
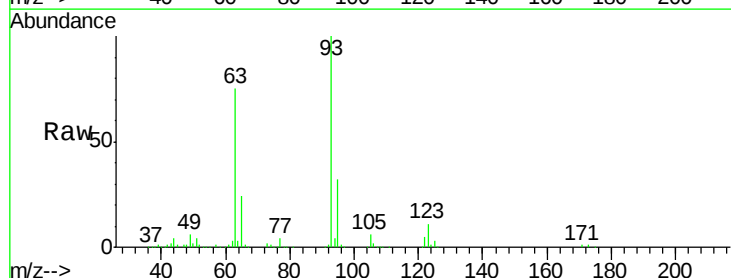
RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF103258.D

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Tgt Ion:	93	Resp:	513806
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.3	39.5
123	11.1	9.8	14.6





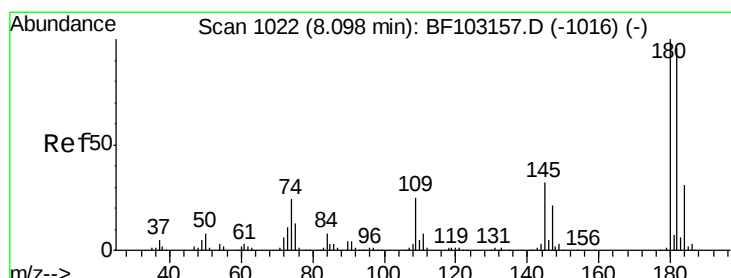
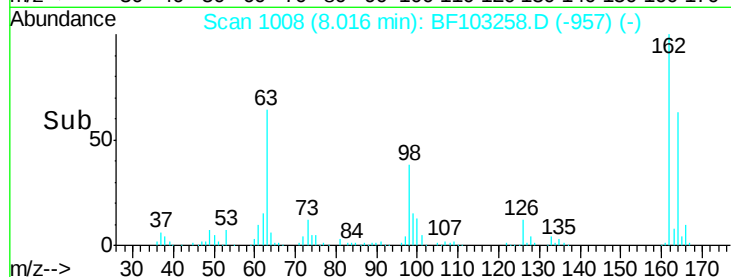
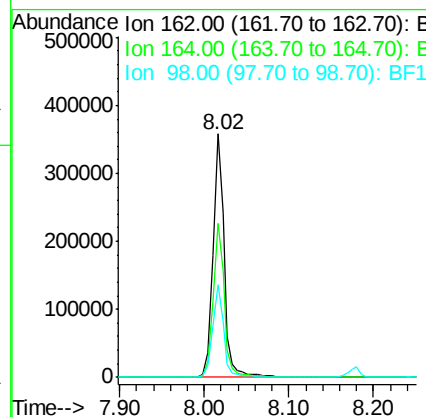
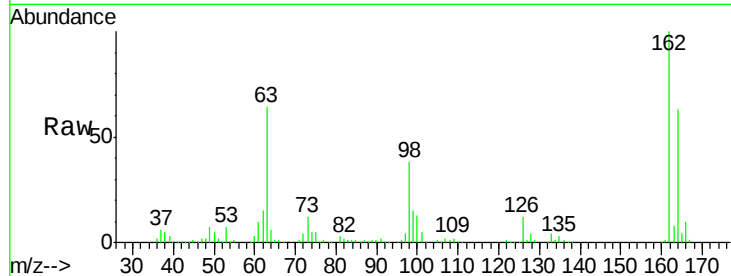
#29
2,4-Dichlorophenol
Concen: 48.991 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106864BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	334161		
164	63.5	42.7	82.7	
98	38.2	18.1	58.1	

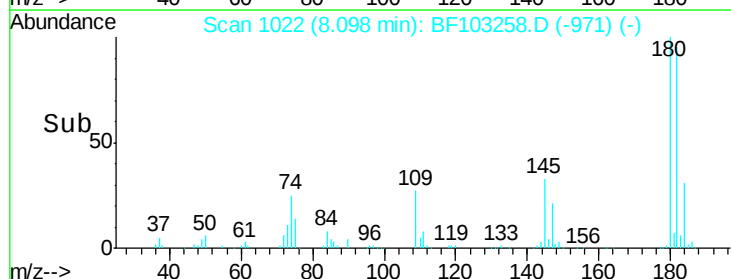
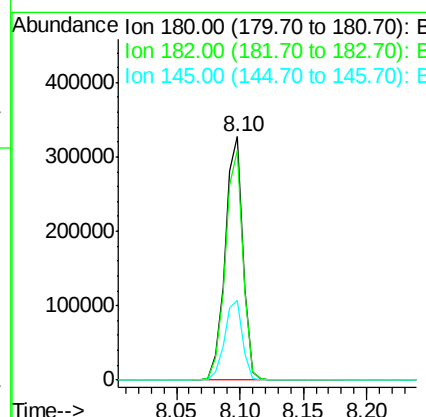
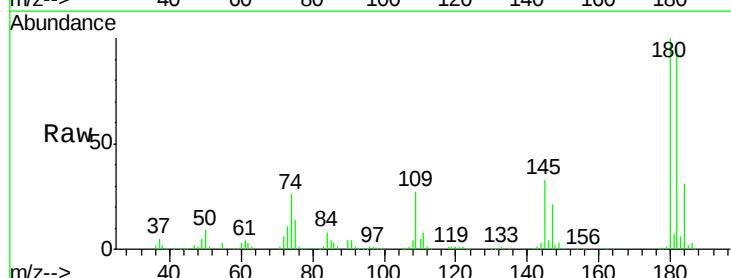
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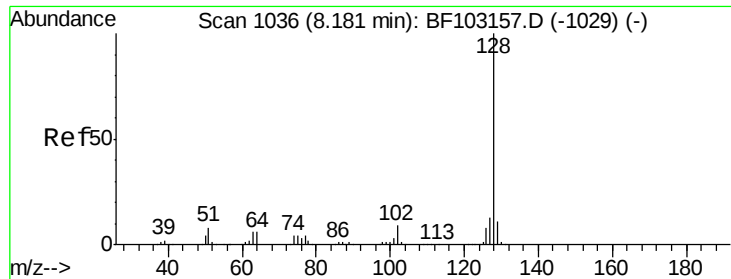
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#30
1,2,4-Trichlorobenzene
Concen: 44.036 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	319854		
182	94.5	76.8	115.2	
145	32.8	26.5	39.7	





#31

Naphthalene

Concen: 44.910 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Instrument :

BNA_F

ClientSampleId :

PB106864BS

Tot Ion:128 Resp: 1129120

Ion Ratio Lower Upper

128 100

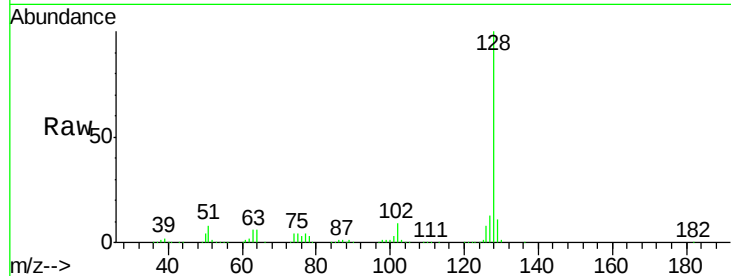
129 11.2 8.8 13.2

127 13.5 10.9 16.3

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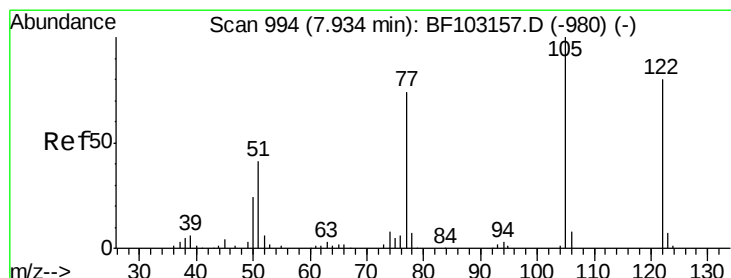
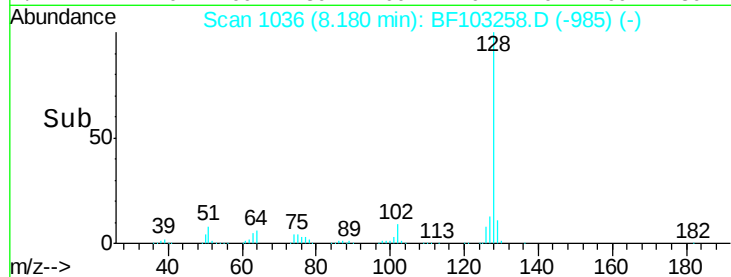
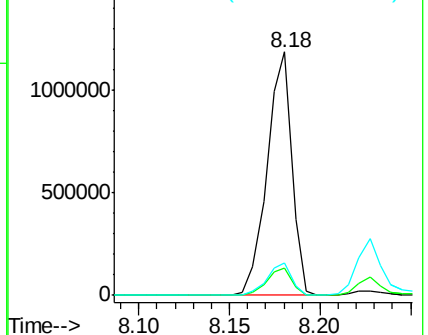
2/28/2018 11:17:25 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.792 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

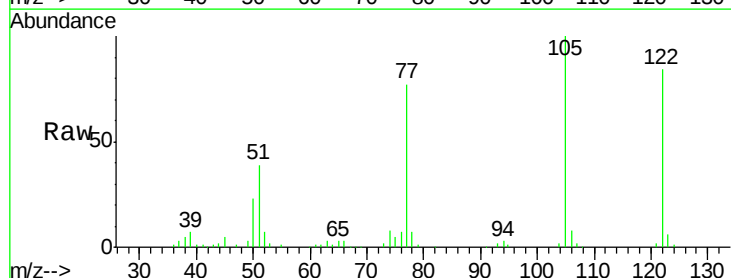
Tgt Ion:122 Resp: 233896

Ion Ratio Lower Upper

122 100

105 119.0 101.1 141.1

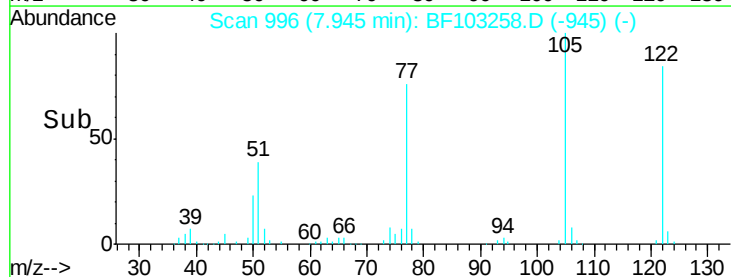
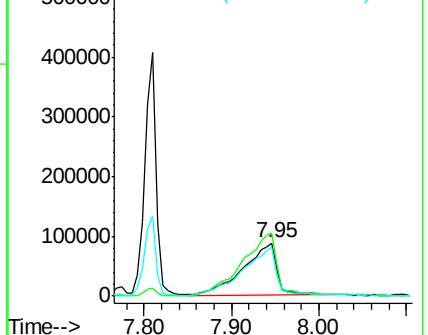
77 91.6 70.7 110.7

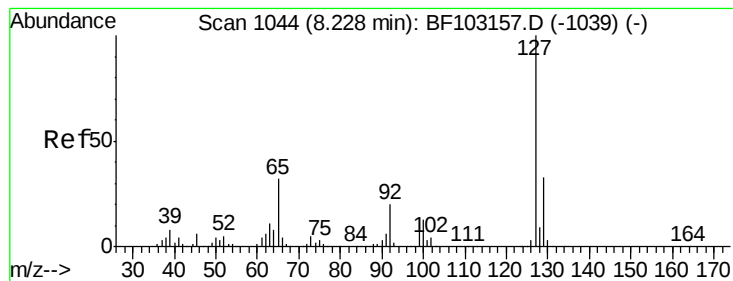


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 26.516 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Instrument :

BNA_F

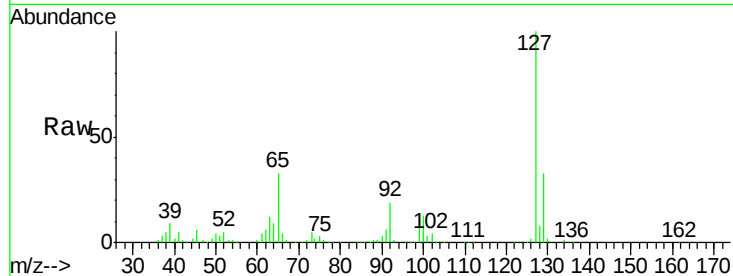
ClientSampleId :

PB106864BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1		25.9	38.9	
65	32.6		25.0	37.4	
92	19.1		15.2	22.8	

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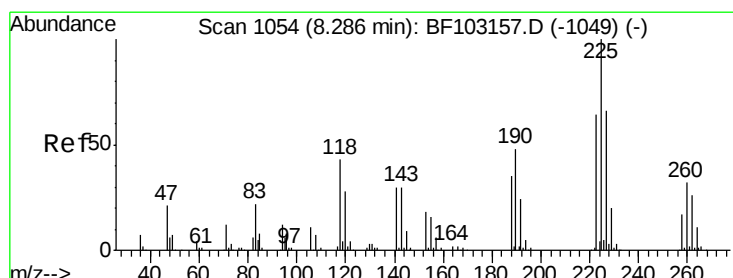
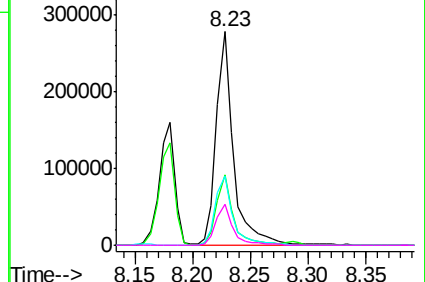
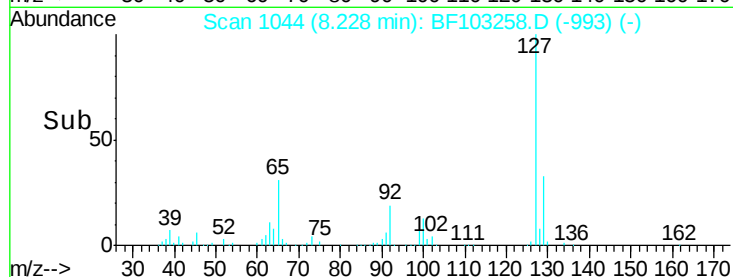


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 42.827 ng

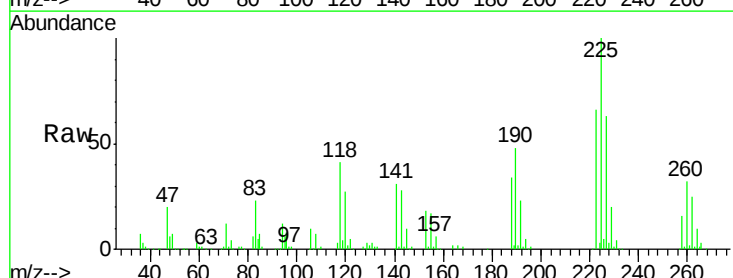
RT: 8.29 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

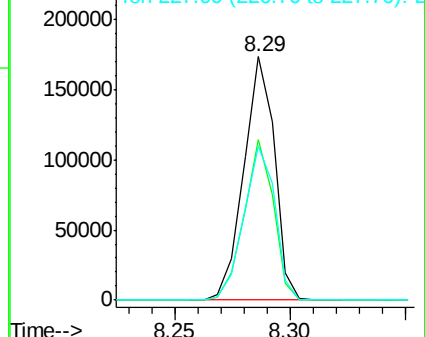
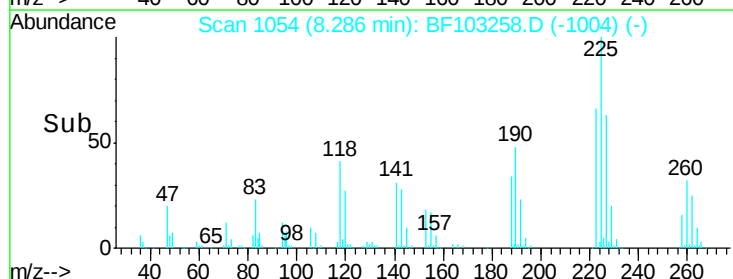
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.8		50.6	76.0	
227	63.4		51.9	77.9	



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





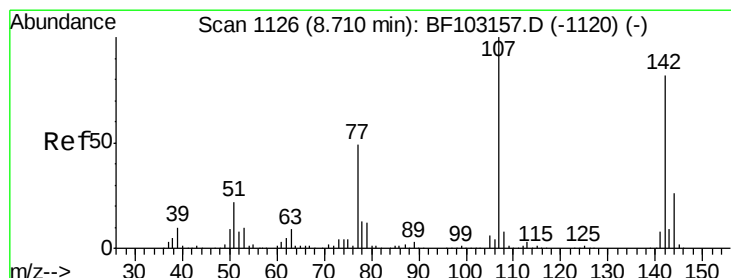
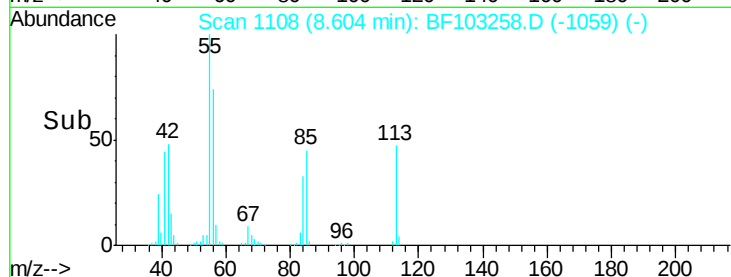
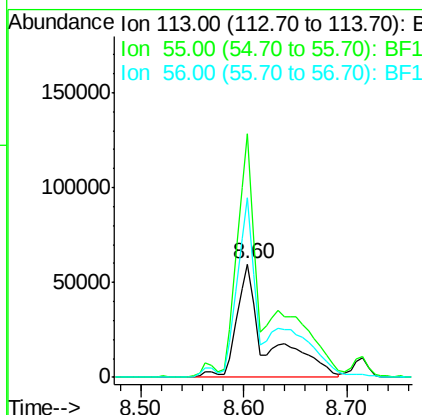
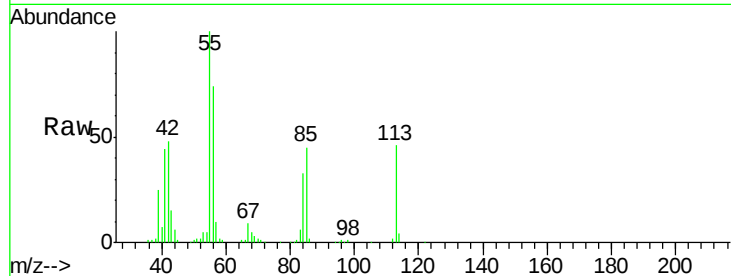
#35
 Caprolactam
 Concen: 51.705 ng/ml
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleID :
 PB106864BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	215.1	163.3	203.3#
56	159.0	115.7	155.7#

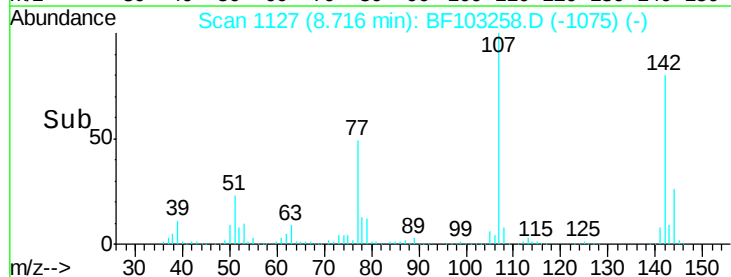
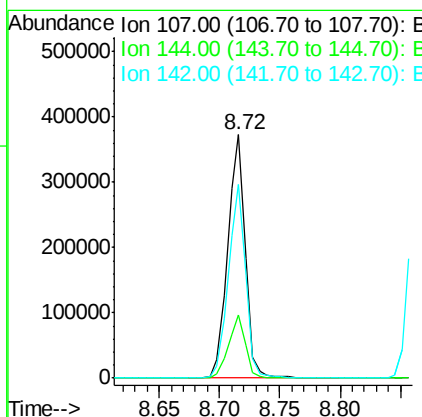
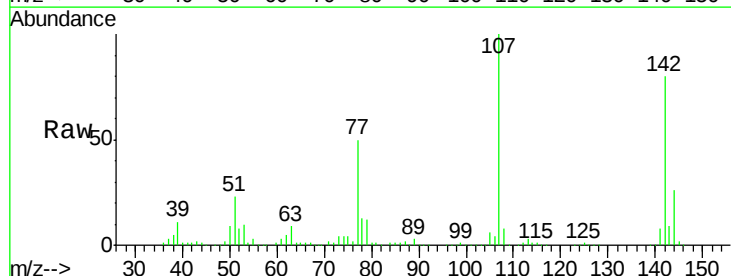
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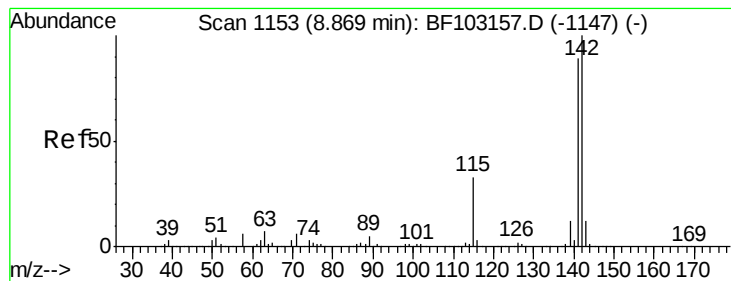
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#36
 4-Chloro-3-methylphenol
 Concen: 48.874 ng/ml
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.5	30.7
142	79.6	62.0	93.0





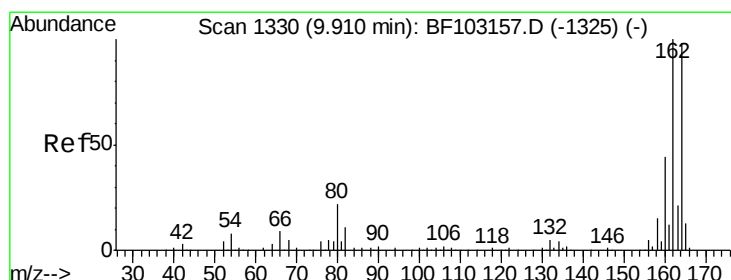
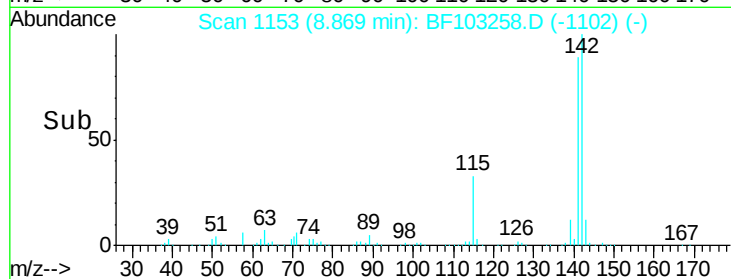
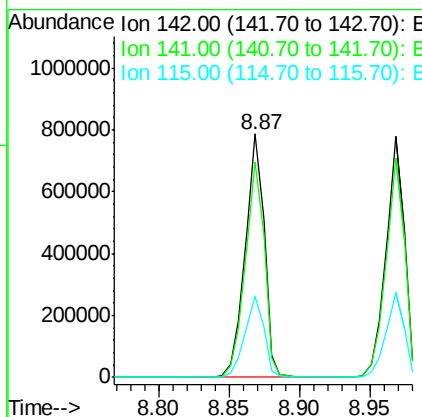
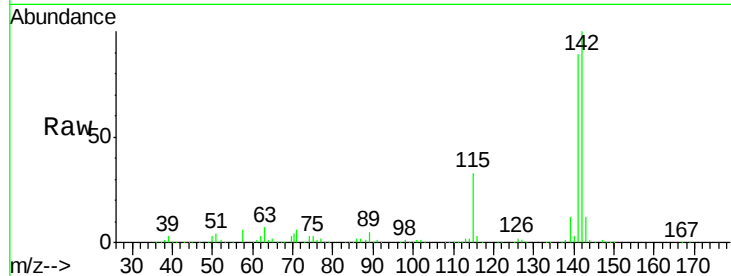
#37
2-Methylnaphthalene
Concen: 45.963 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106864BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	33.3	26.1	39.1

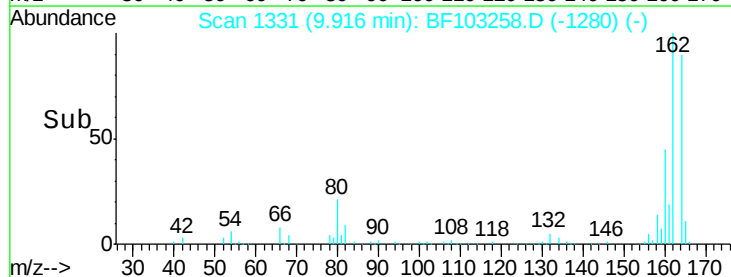
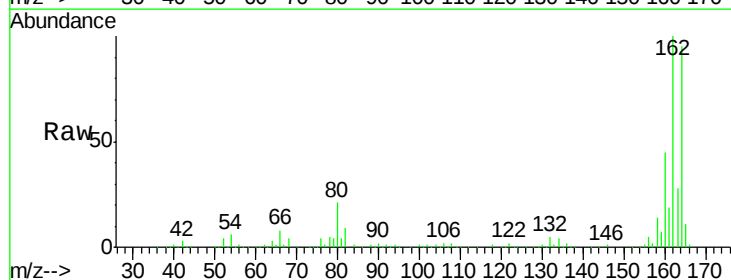
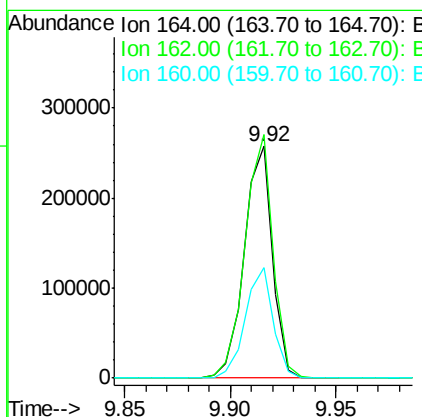
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	47.5	38.3	57.5





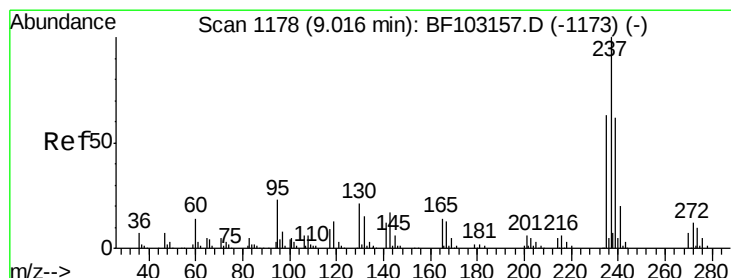
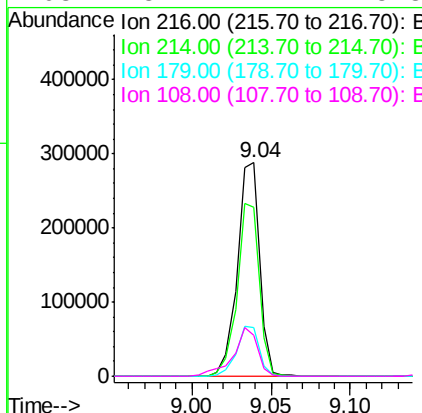
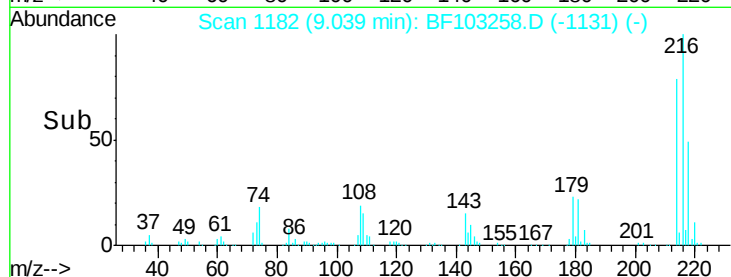
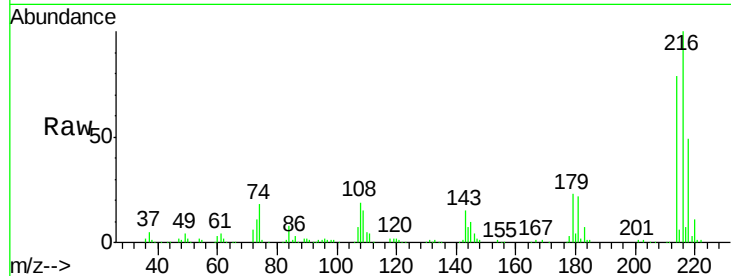
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.220 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106864BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		280827		
214	80.1		63.0	94.4	
179	23.6		18.1	27.1	
108	25.1		17.2	25.8	

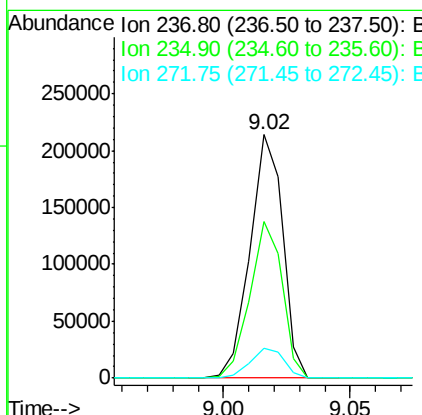
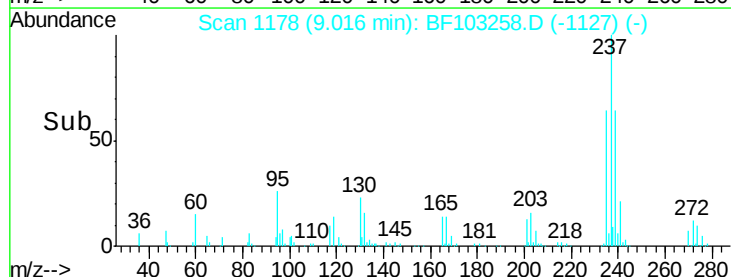
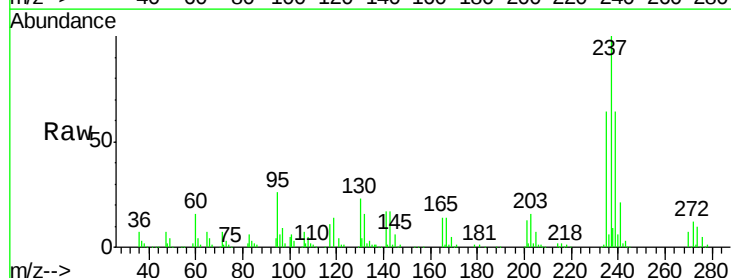
Manual Integrations
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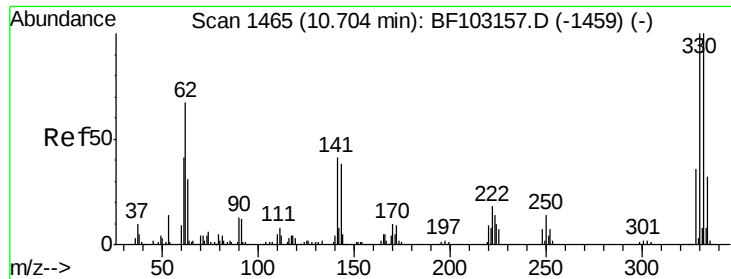
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#40
 Hexachlorocyclopentadiene
 Concen: 83.679 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		192703		
235	64.2		44.8	84.8	
272	12.5		0.0	33.3	





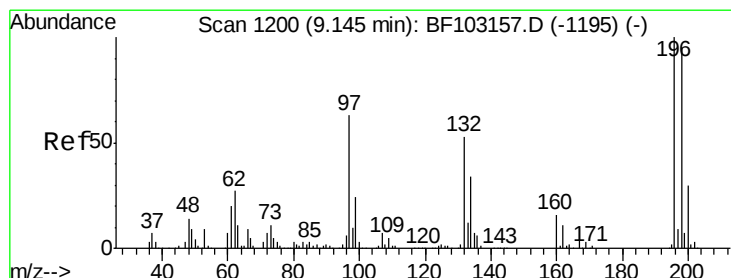
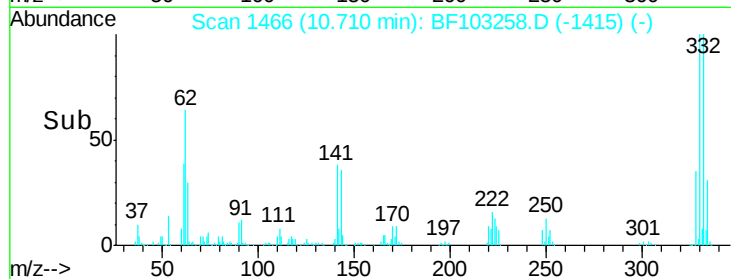
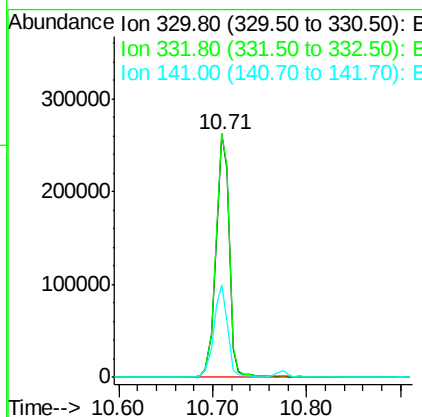
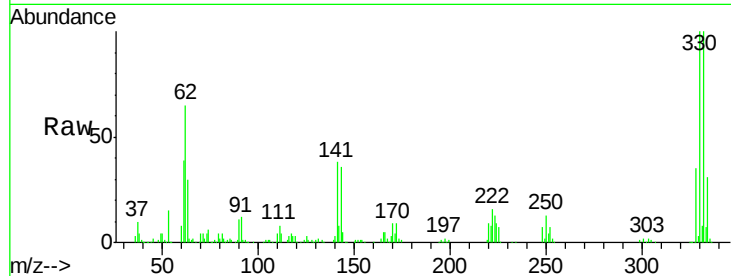
#41
 2,4,6-Tribromophenol
 Concen: 132.775 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106864BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	267118		
332	101.2	77.0	115.6	
141	38.7	29.9	44.9	

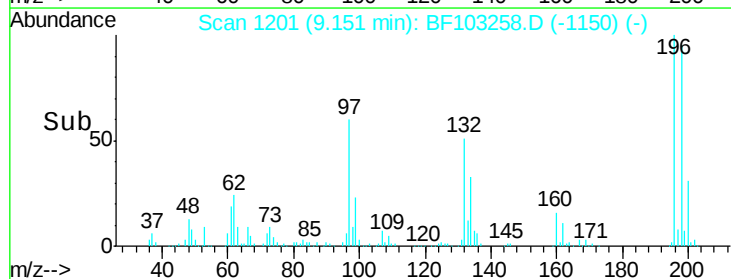
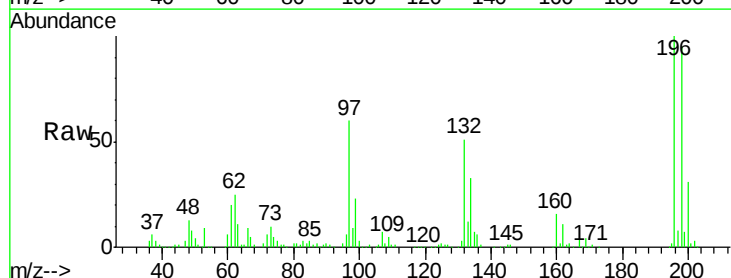
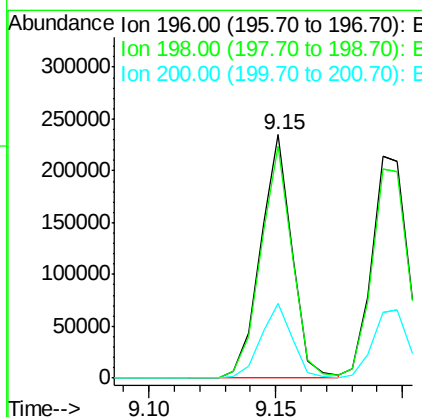
Manual Integrations
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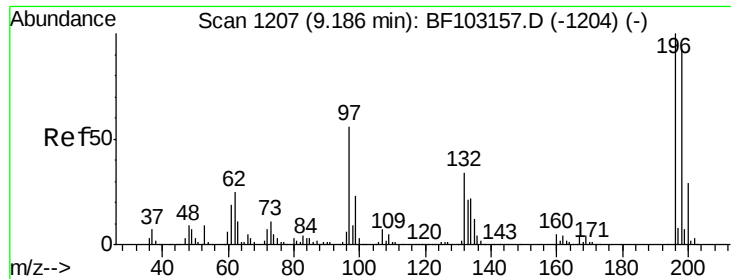
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#42
 2,4,6-Trichlorophenol
 Concen: 46.504 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	203321		
198	95.1	75.7	113.5	
200	30.8	24.5	36.7	





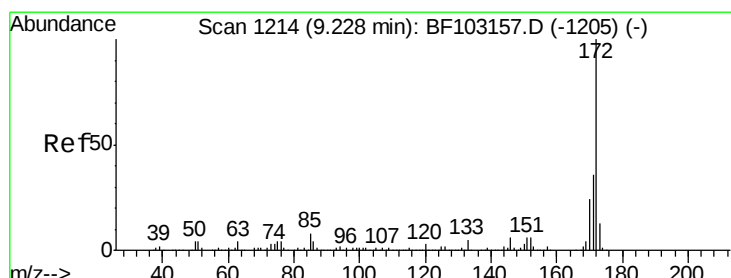
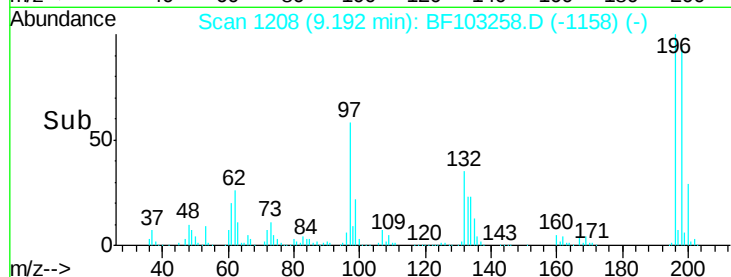
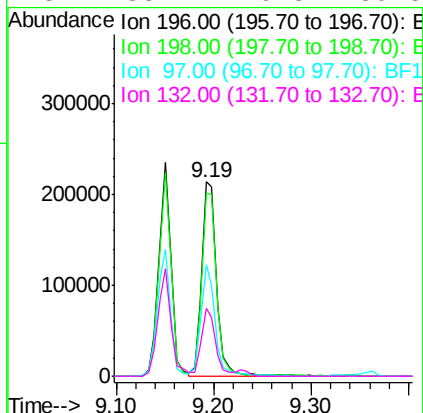
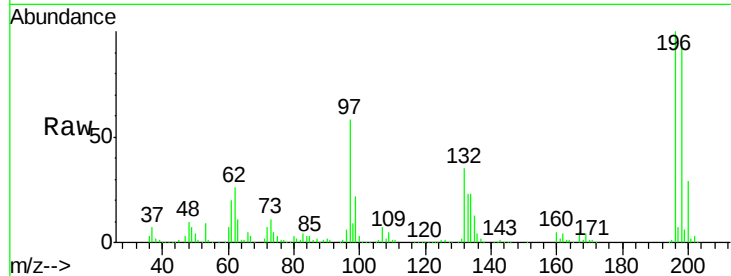
#43
 2,4,5-Trichlorophenol
 Concen: 44.543 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106864BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		223987		
198	94.3		74.6	112.0	
97	57.6		42.9	64.3	
132	35.1		26.3	39.5	

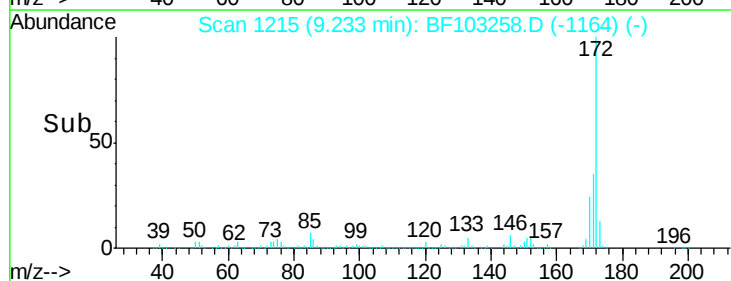
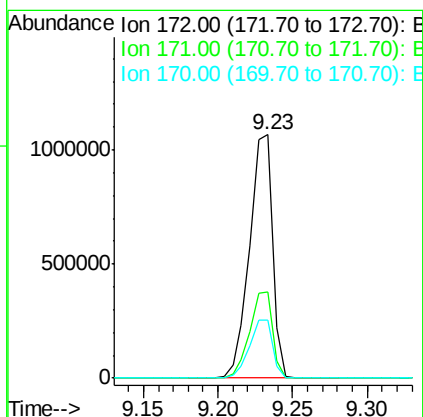
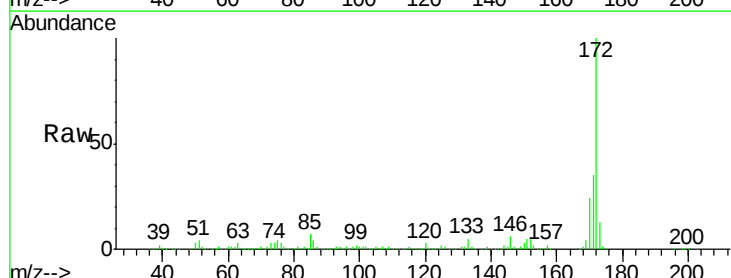
Manual Integrations
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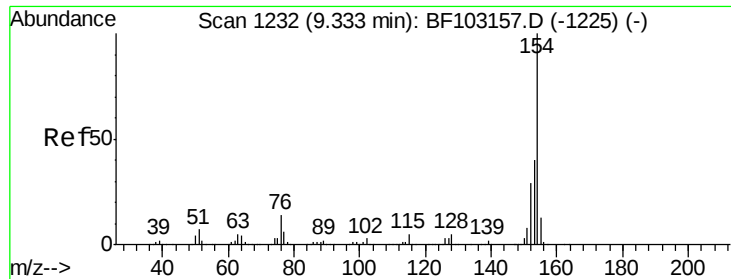
Sohil
 2/28/2018 11:17:25 AM



#44
 2-Fluorobiphenyl
 Concen: 81.886 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1139853		
171	35.4		29.7	44.5	
170	23.9		19.6	29.4	





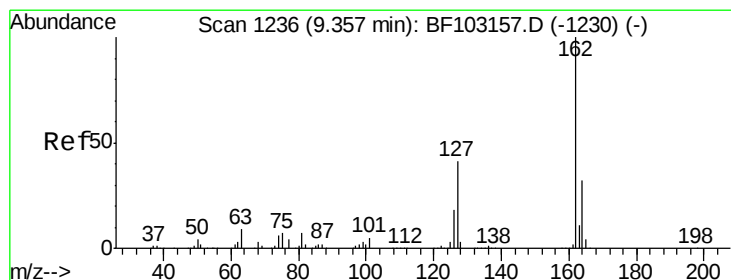
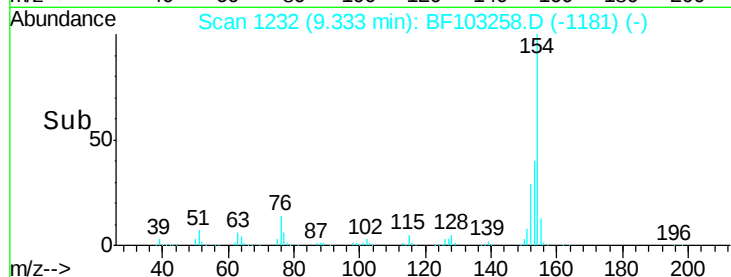
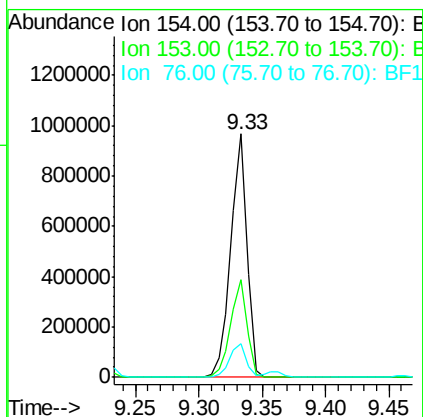
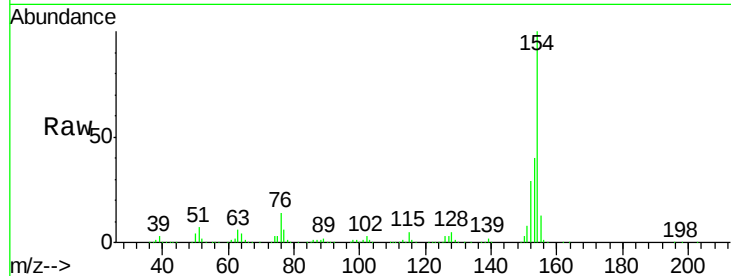
#45
1,1'-Biphenyl
Concen: 42.766 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106864BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	21.3	61.3	
76	13.9	0.0	34.0	

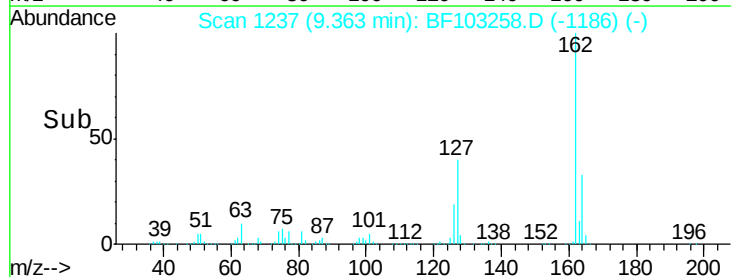
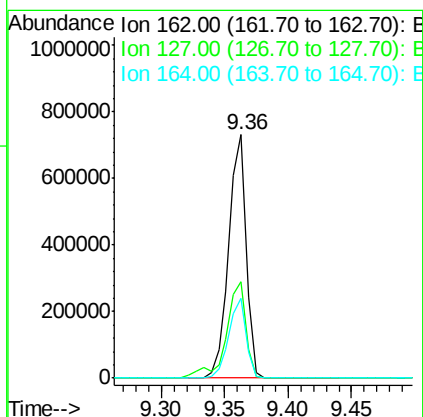
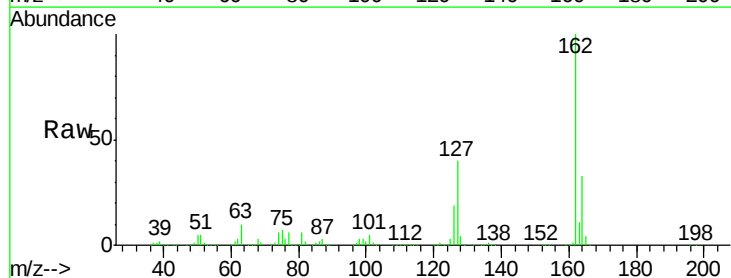
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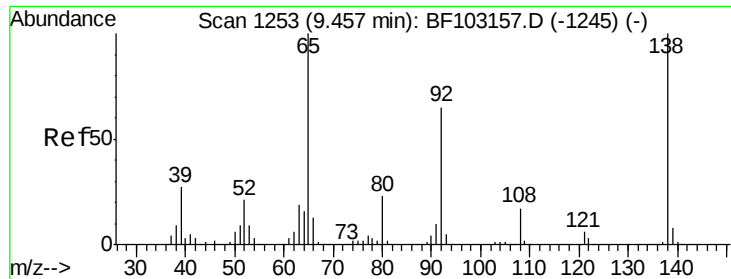
Sohil
2/28/2018 11:17:25 AM



#46
2-Chloronaphthalene
Concen: 44.196 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

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





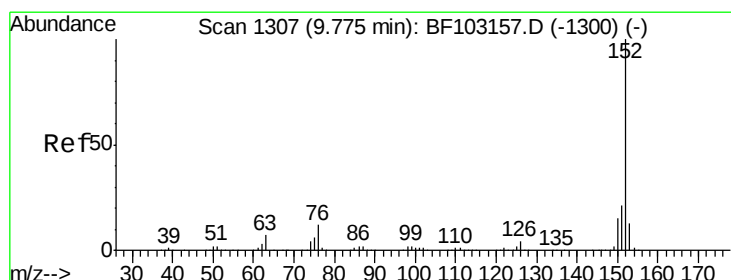
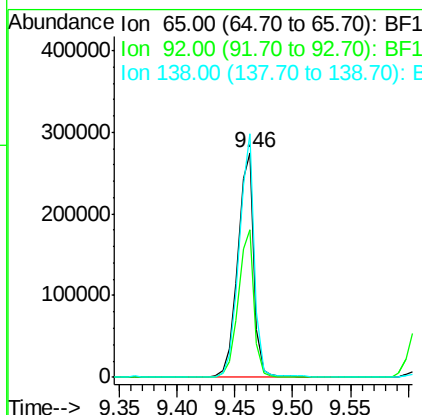
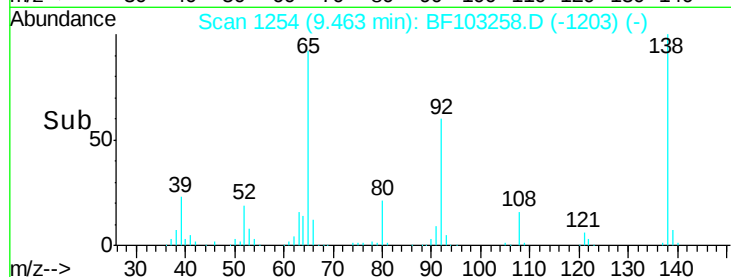
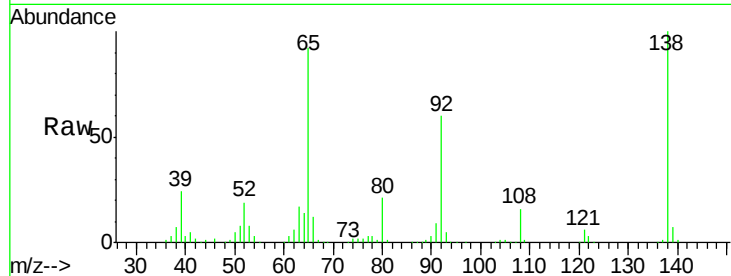
#47
 2-Nitroaniline
 Concen: 45.830 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106864BS

Tot Ion	Ratio	Resp Lower	Upper
65	100		
92	65.5	55.8	83.6
138	108.4	91.2	136.8

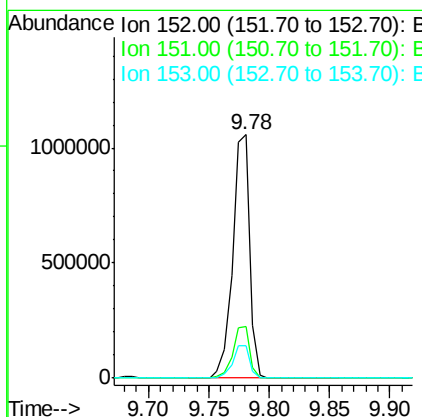
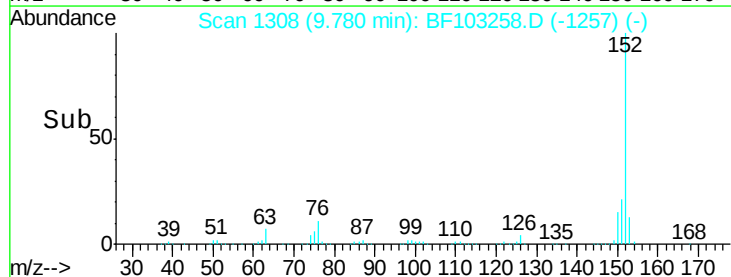
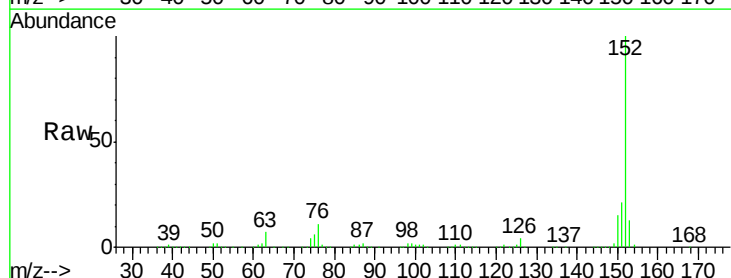
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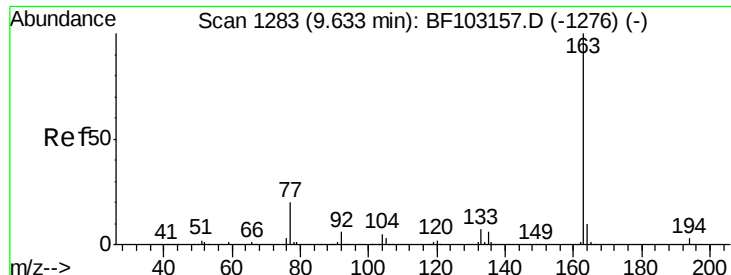
Sohil
 2/28/2018 11:17:25 AM



#48
 Acenaphthylene
 Concen: 42.917 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Resp Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.2	10.7	16.1





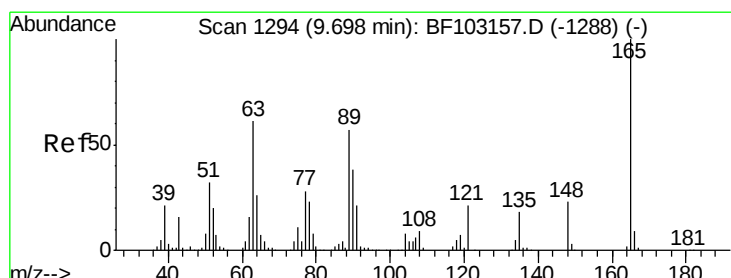
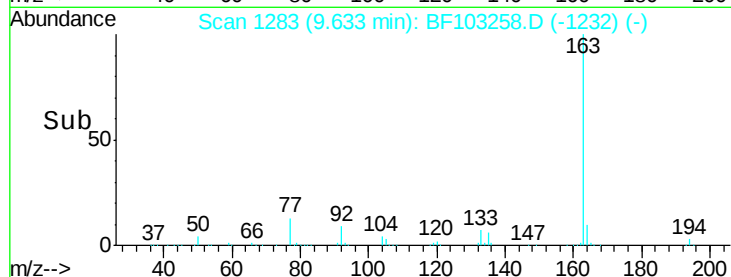
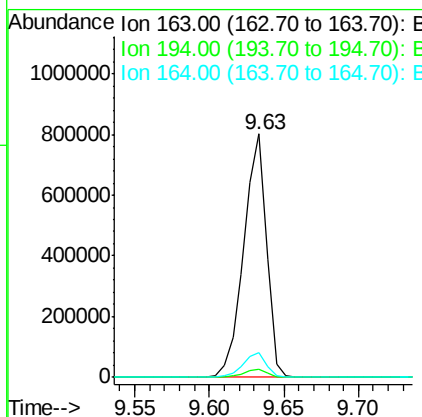
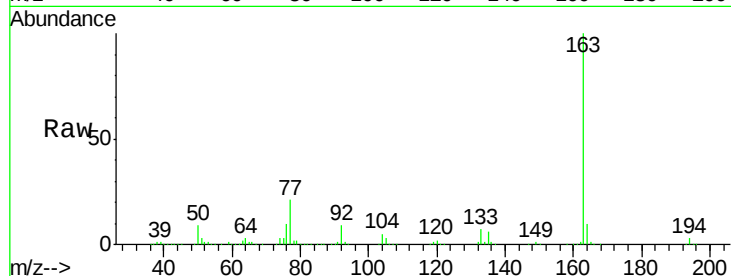
#49
Dimethylphthalate
Concen: 44.471 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106864BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	847916		
194	3.3		2.7	4.1
164	10.0		8.2	12.2

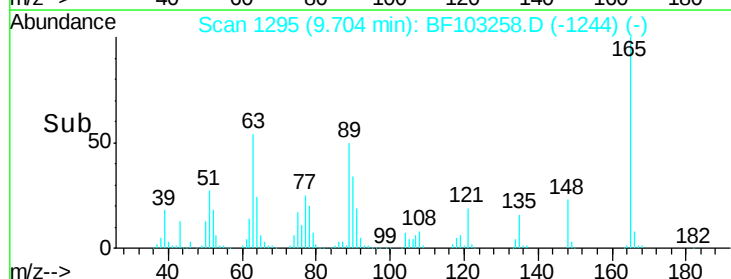
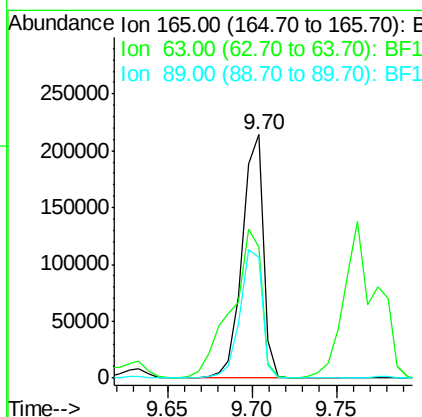
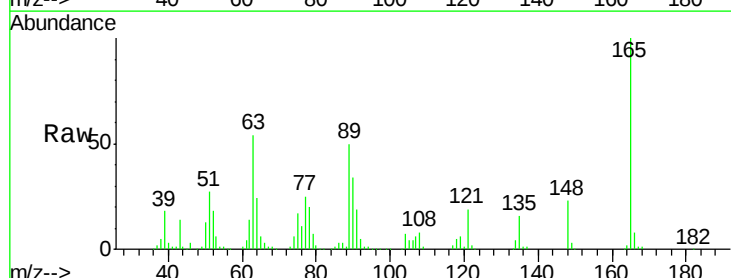
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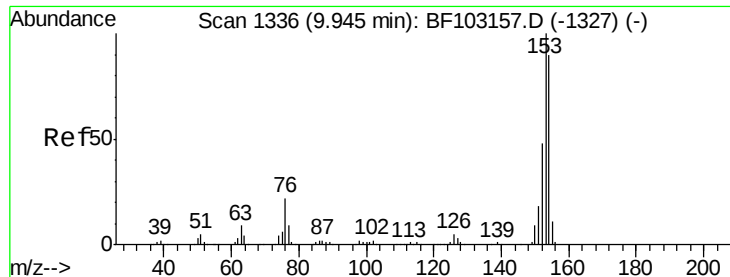
Sohil
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#50
2,6-Dinitrotoluene
Concen: 46.827 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	187368		
63	53.7		44.7	67.1
89	49.7		44.0	66.0





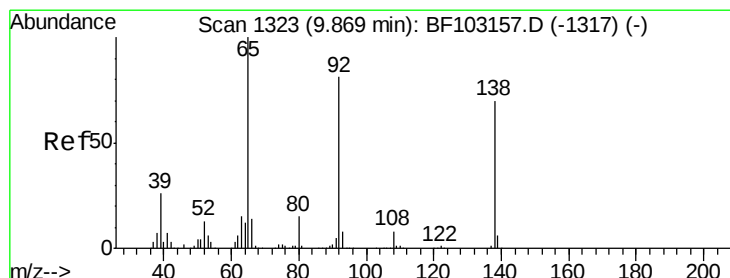
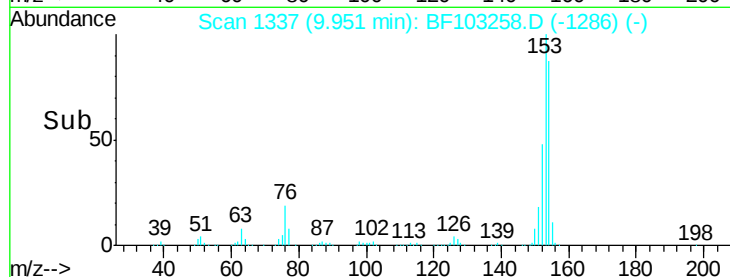
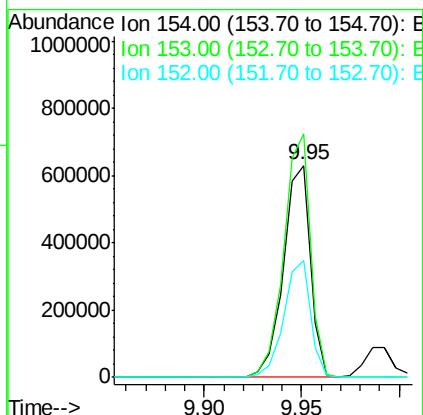
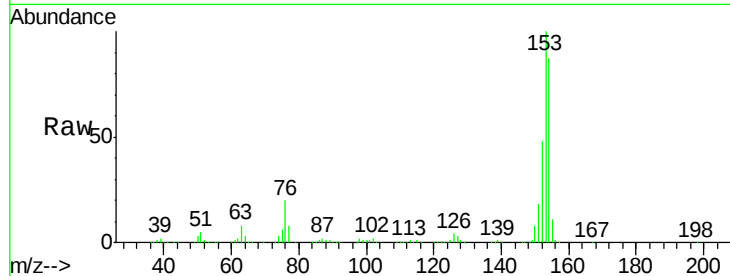
#51
Acenaphthene
Concen: 42.843 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106864BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.2	136.8
152	55.1	43.8	65.8

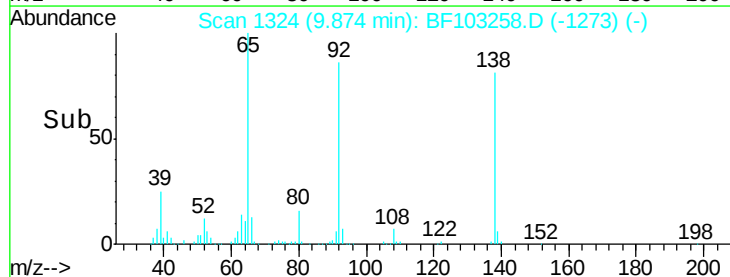
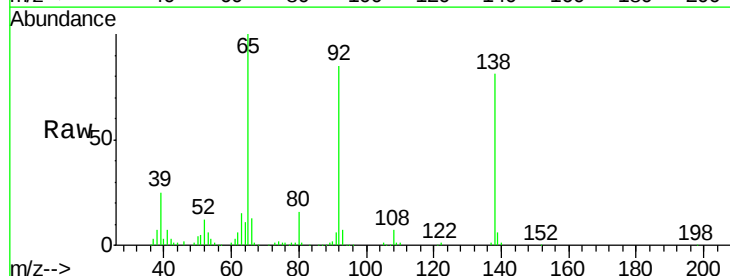
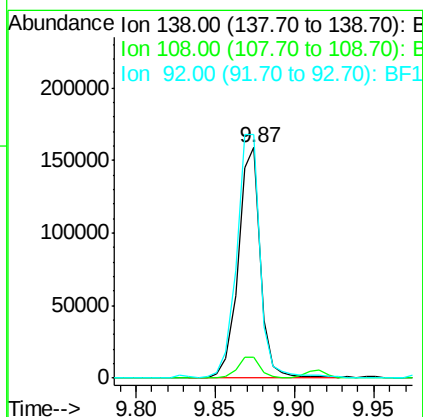
Manual Integrations
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#52
3-Nitroaniline
Concen: 30.362 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.2	9.4	14.0#
92	105.7	89.4	134.2





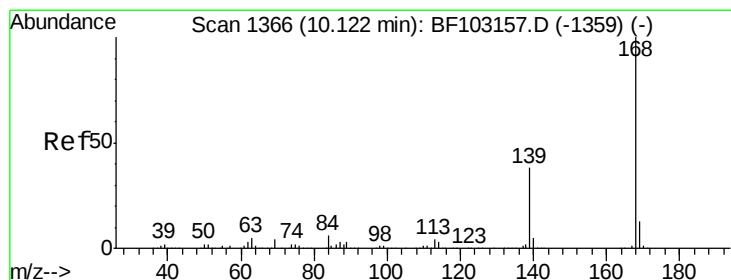
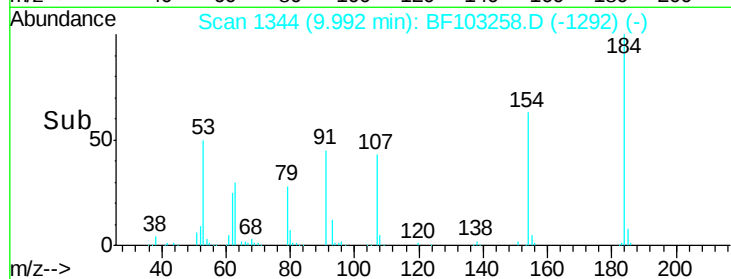
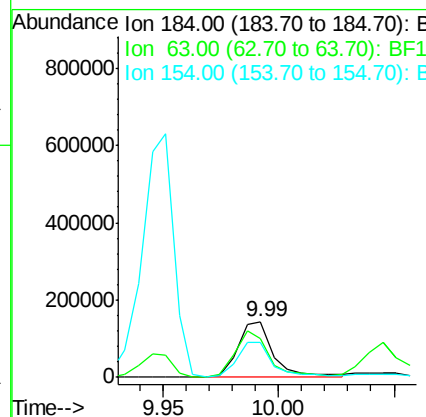
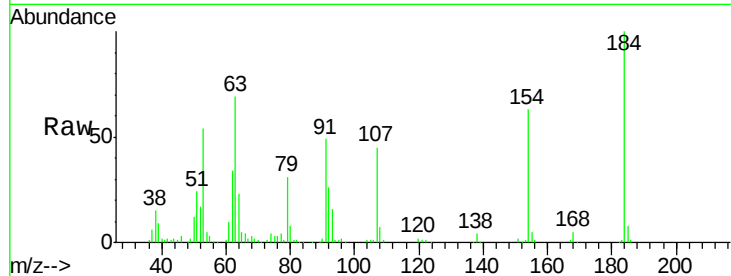
#53
2,4-Dinitrophenol
Concen: 104.086 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106864BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	69.3	54.2	81.2	
154	62.9	184.0	276.0	

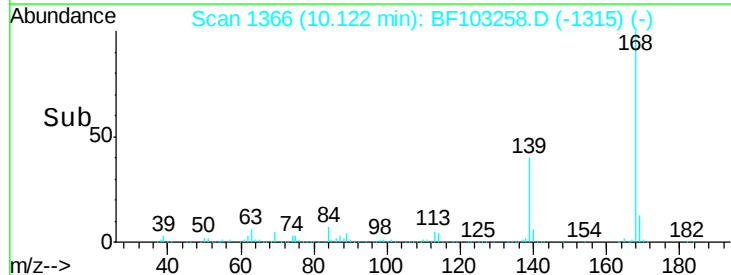
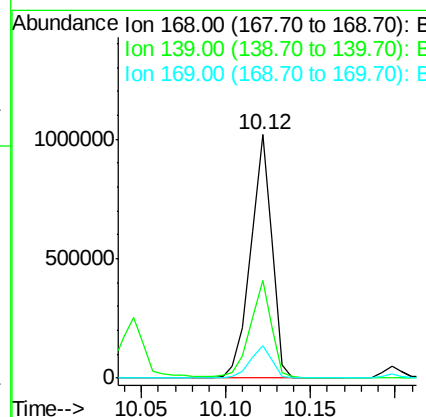
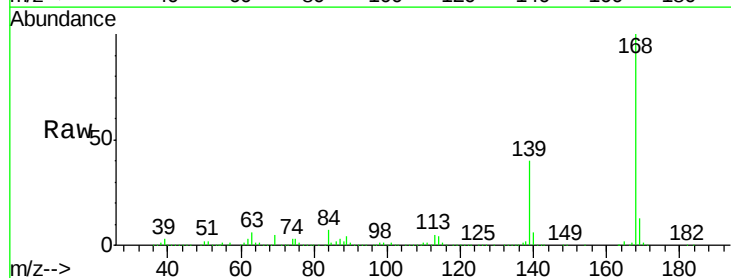
Manual Integrations
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#54
Dibenzofuran
Concen: 46.470 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.2	30.1	45.1	
169	13.4	10.9	16.3	





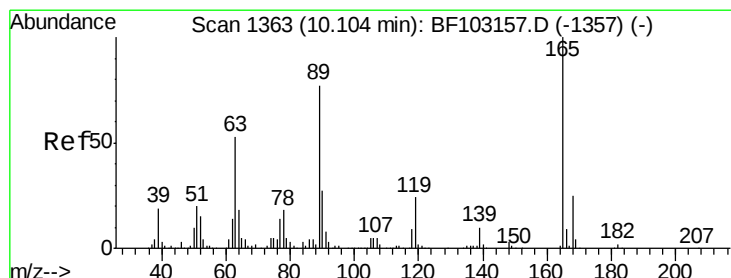
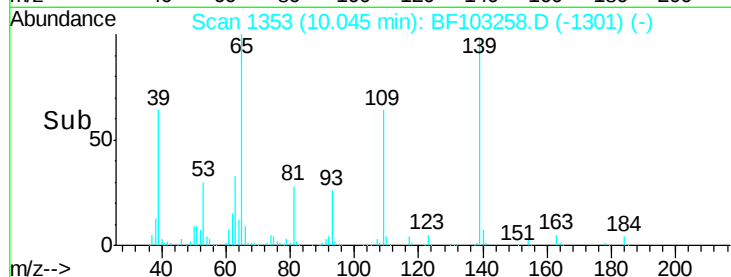
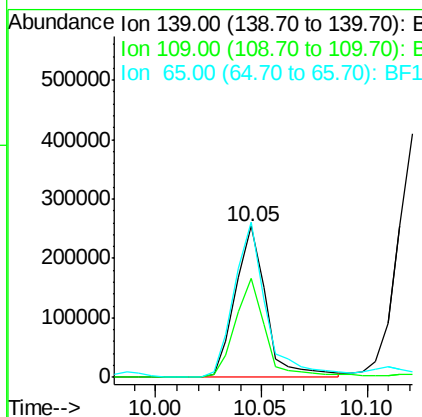
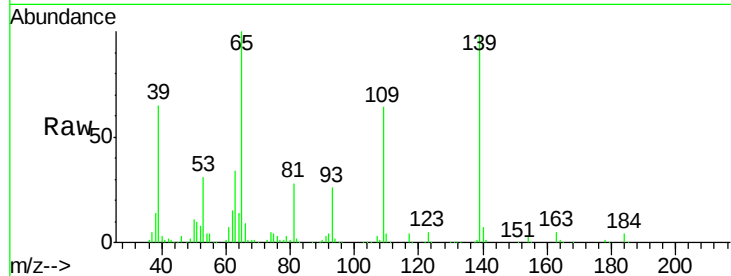
#55
4-Nitrophenol
Concen: 82.090 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106864BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	258278		
109	65.2	48.4	88.4	
65	102.5	72.6	112.6	

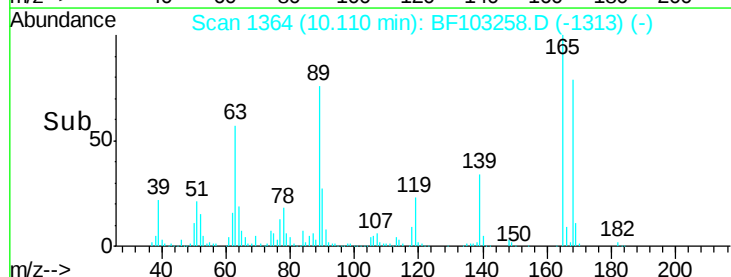
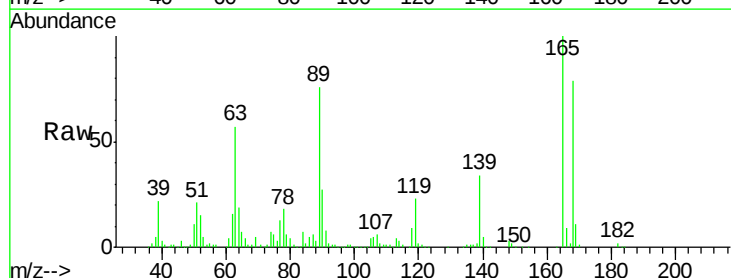
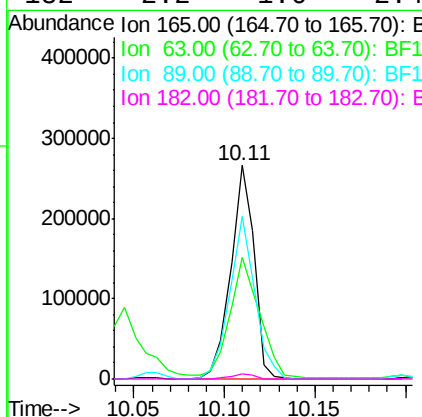
Manual Integrations
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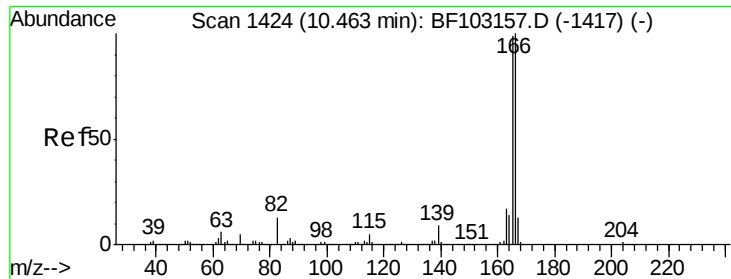
Sohil
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#56
2,4-Dinitrotoluene
Concen: 47.425 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	239996		
63	57.0	36.4	54.6#	
89	76.4	57.8	86.6	
182	2.2	1.6	2.4	





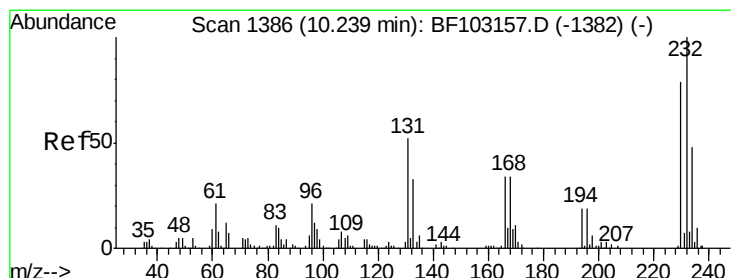
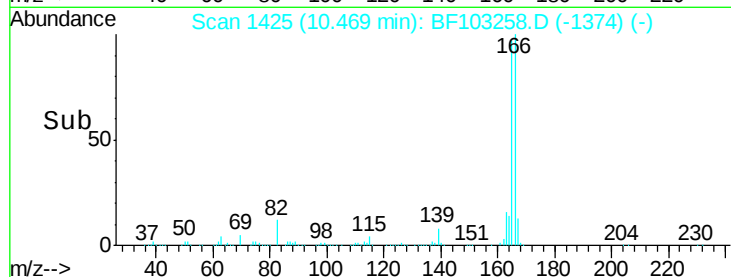
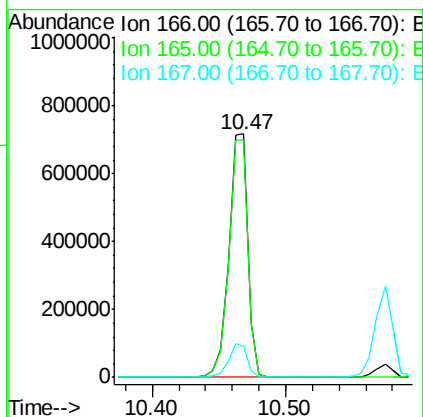
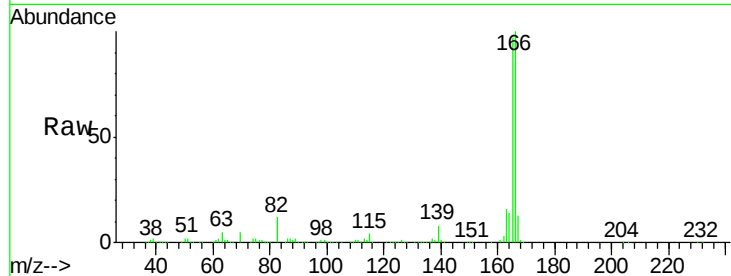
#57
 Fluorene
 Concen: 43.412 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106864BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.8	119.8
167	13.0	10.6	16.0

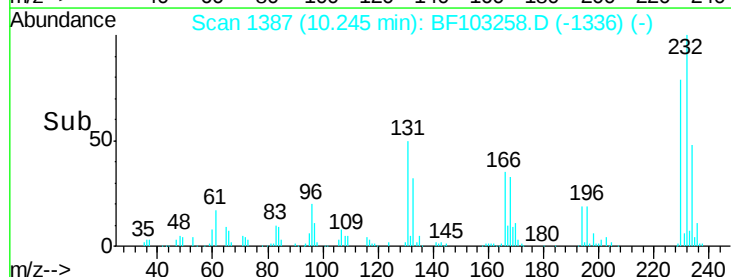
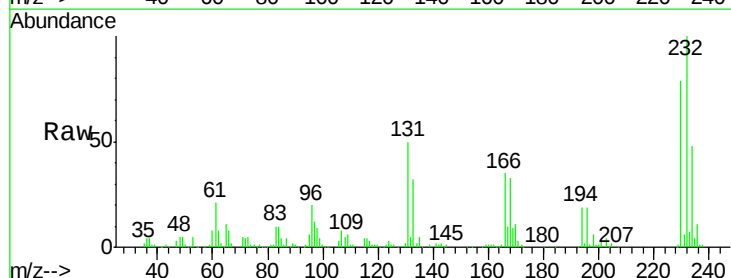
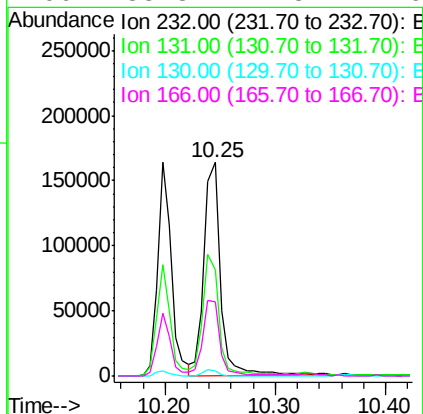
Manual Integrations
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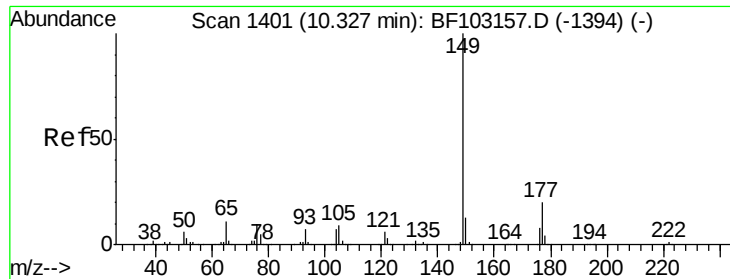
Sohil
 2/28/2018 11:17:25 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.459 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.5	43.8	65.8
130	2.7	2.1	3.1
166	35.3	27.8	41.6





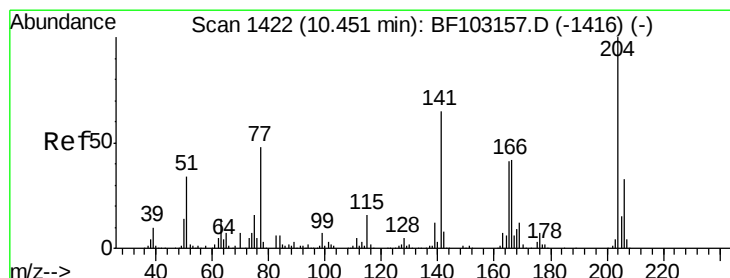
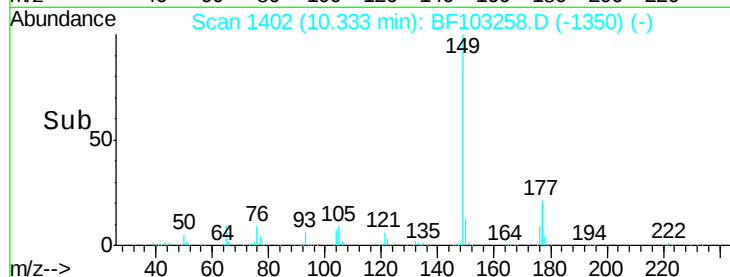
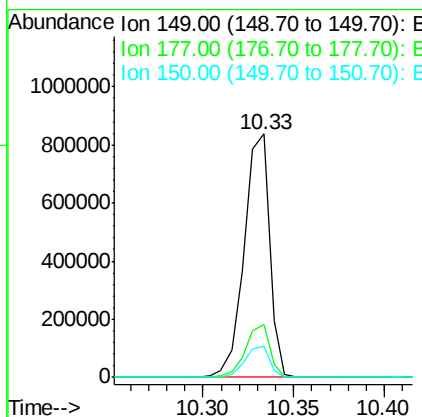
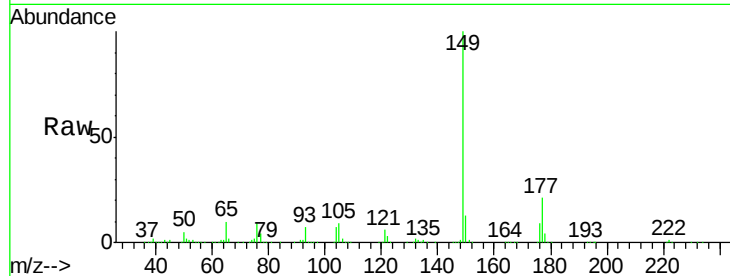
#59
Diethylphthalate
Concen: 44.794 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Instrument :
BNA_F
ClientSampled :
PB106864BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.7	10.1	15.1

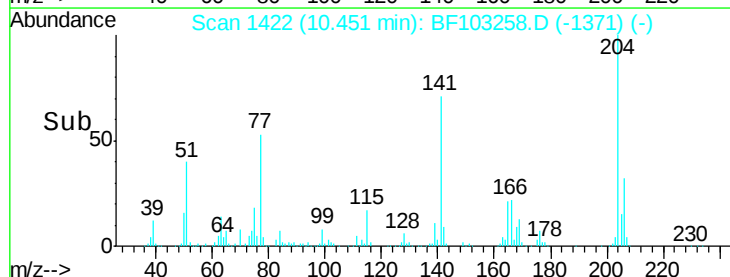
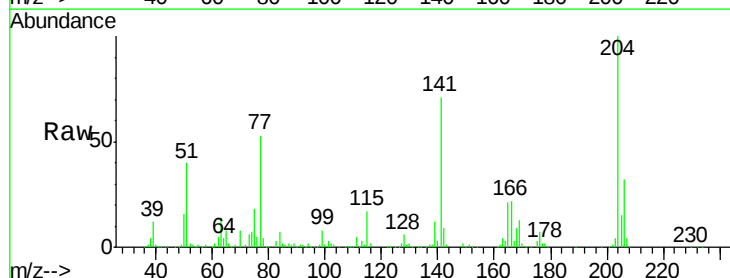
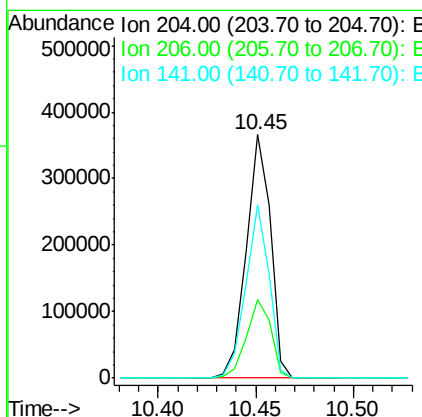
Manual Integrations
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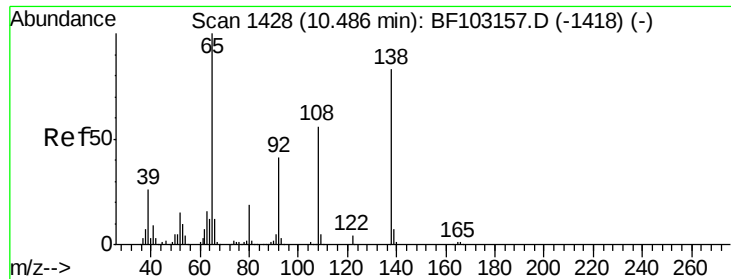
Sohil
2/28/2018 11:17:25 AM



#60
4-Chlorophenyl-phenylether
Concen: 45.025 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.5	39.7
141	71.1	54.6	81.8





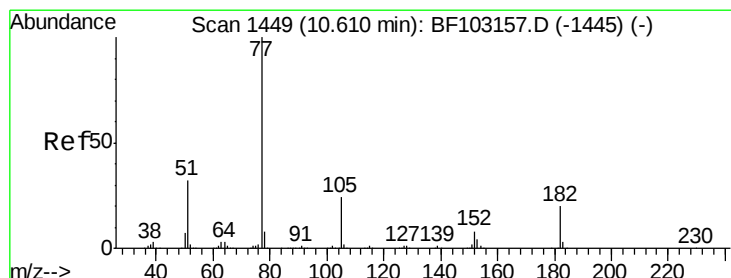
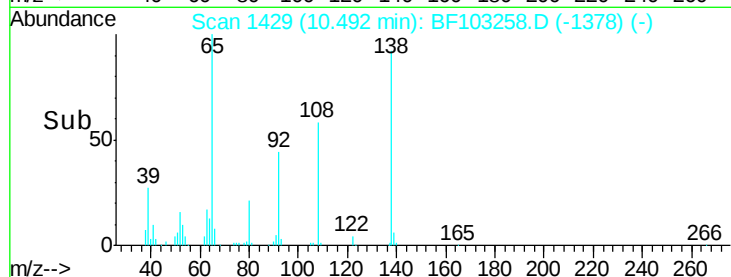
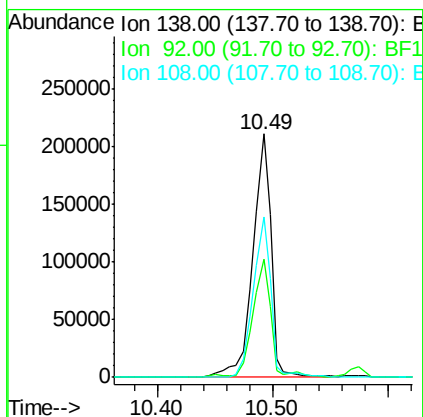
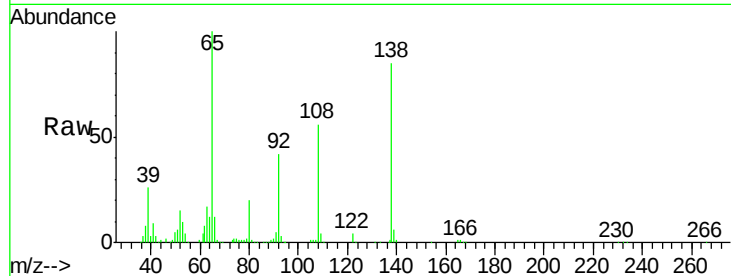
#61
4-Nitroaniline
Concen: 45.903 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Instrument :
BNA_F
ClientSampled :
PB106864BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.6	30.2	70.2
108	65.8	52.5	92.5

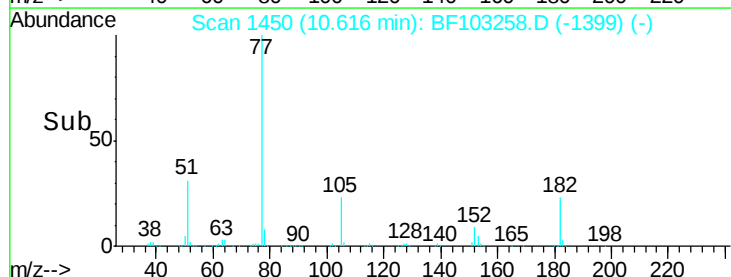
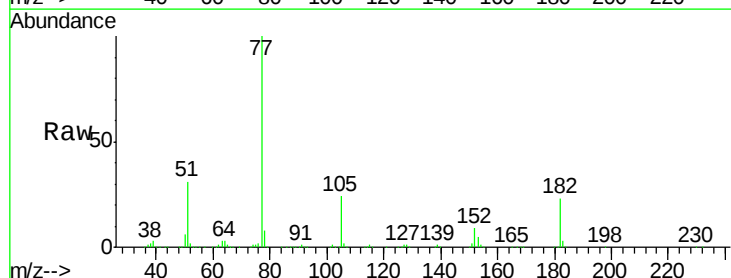
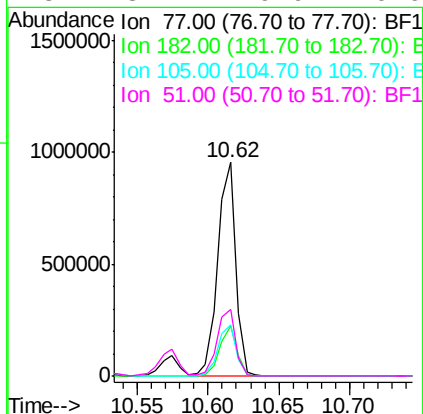
Manual Integrations
APPROVED

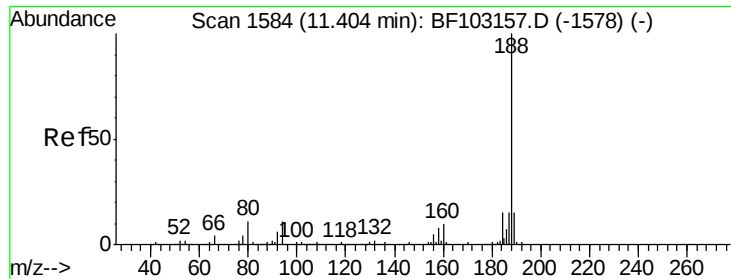
Sohil
2/28/2018 11:17:25 AM



#62
Azobenzene
Concen: 45.722 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.3	1.7	41.7
105	24.1	3.0	43.0
51	31.4	9.9	49.9





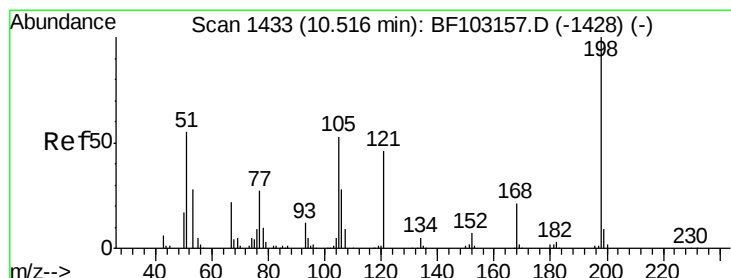
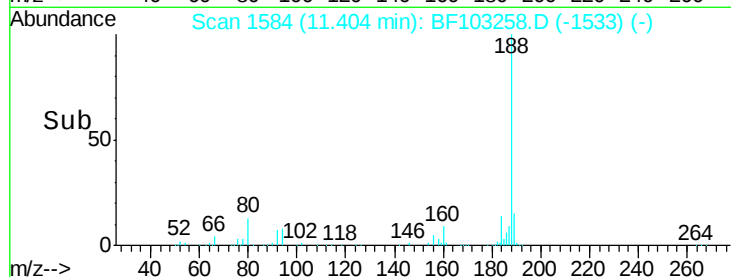
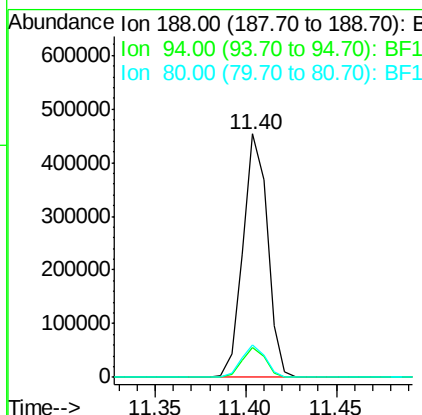
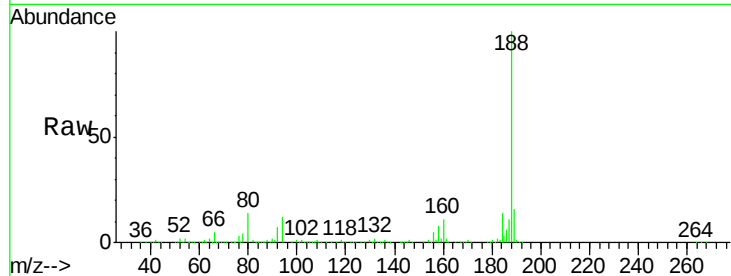
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106864BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	426431		
94	12.1		8.5	12.7
80	13.5		9.2	13.8

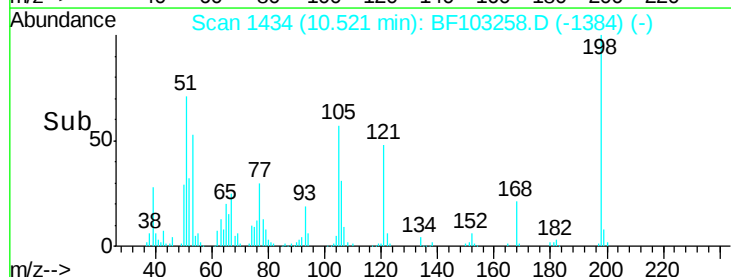
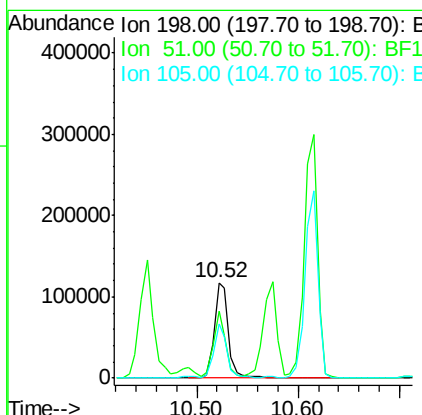
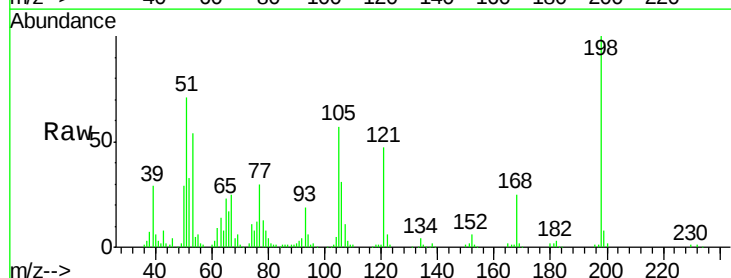
Manual Integrations
APPROVED

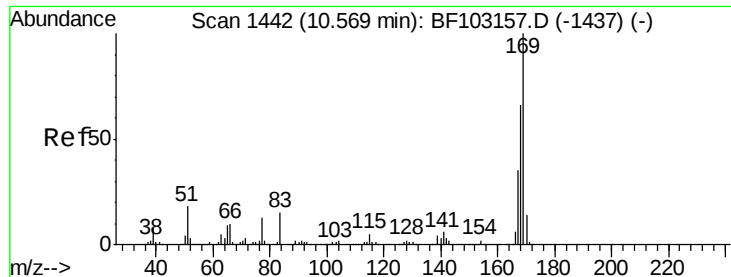
Sohil
2/28/2018 11:17:25 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.473 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	114341		
51	70.8		37.7	77.7
105	56.5		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 43.516 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Instrument :

BNA_F

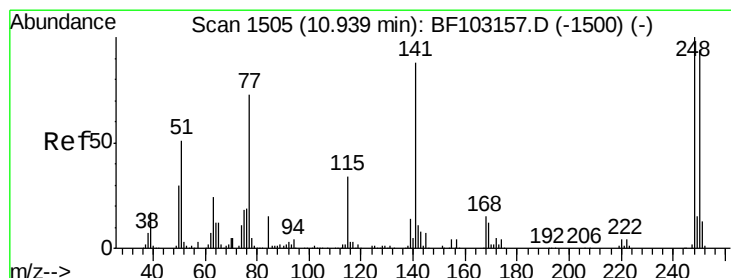
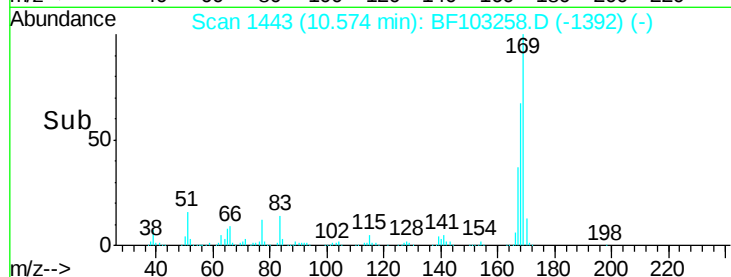
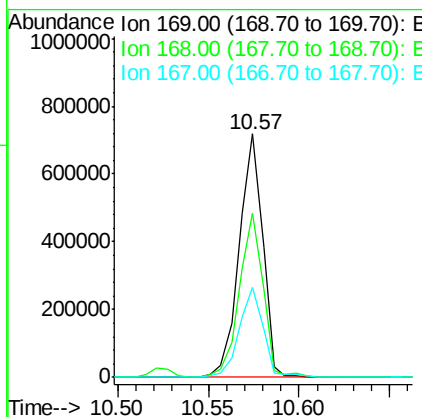
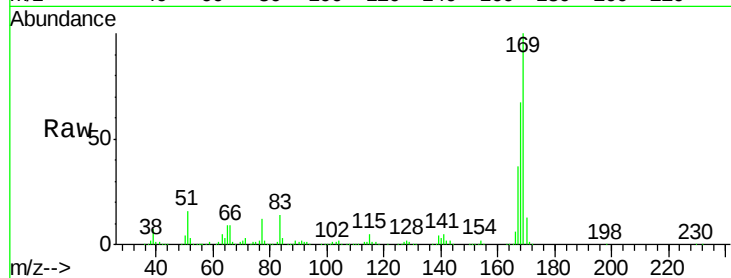
ClientSampleId :

PB106864BS

Tot Ion:	169	Resp:	646116
Ion Ratio	Lower	Upper	
169	100		
168	67.4	54.4	81.6
167	37.2	29.8	44.6

Manual Integrations
APPROVED

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2/28/2018 11:17:25 AM



#66

4-Bromophenyl-phenylether

Concen: 44.401 ng

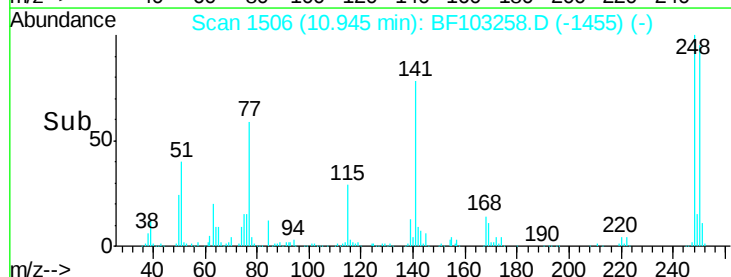
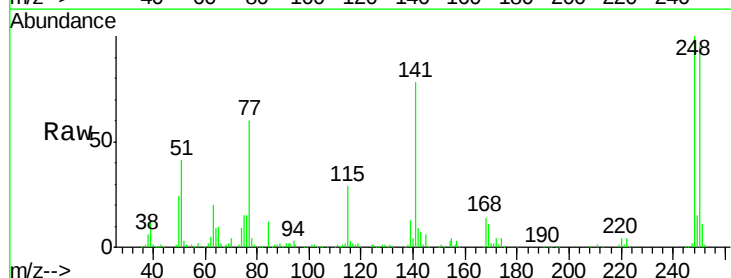
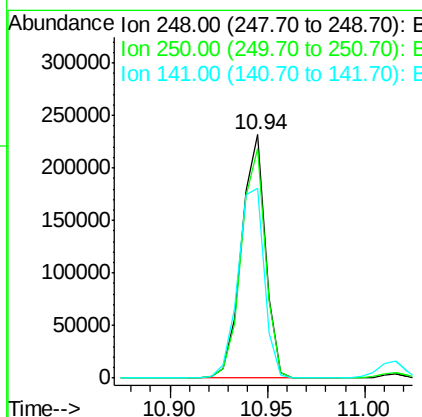
RT: 10.94 min Scan# 1506

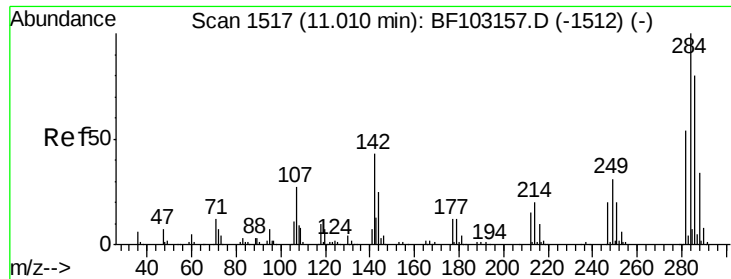
Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Tgt Ion:	248	Resp:	197237
Ion Ratio	Lower	Upper	
248	100		
250	94.5	76.9	115.3
141	77.9	74.4	111.6





#67

Hexachlorobenzene

Concen: 42.979 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Instrument :

BNA_F

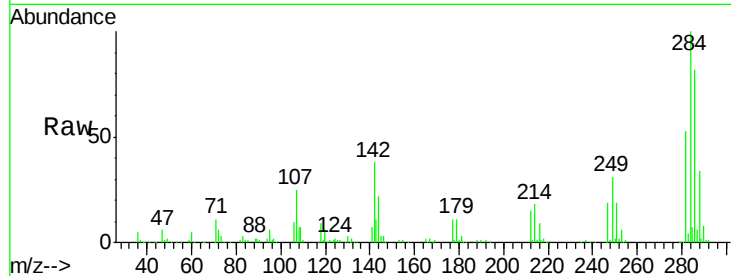
ClientSampleId :

PB106864BS

Tot Ion:	284	Resp:	207223
Ion Ratio	Lower	Upper	
284	100		
142	37.9	34.6	52.0
249	31.0	24.8	37.2

Manual Integrations
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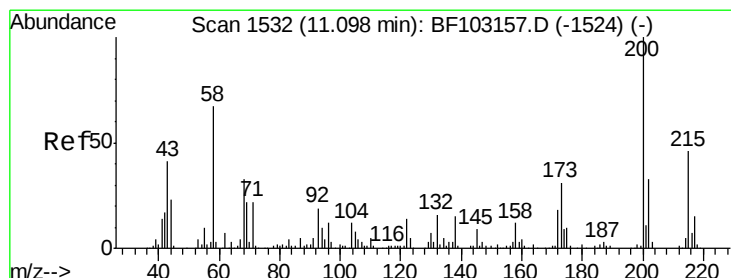
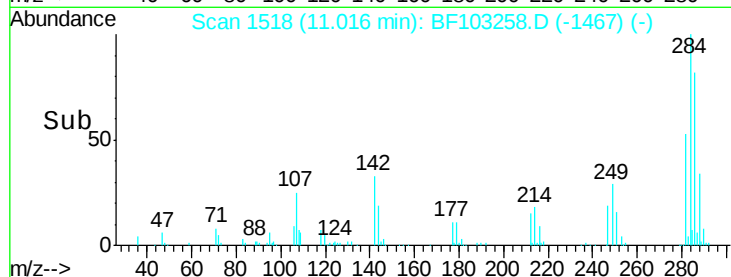
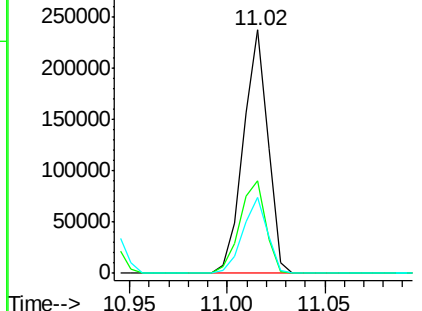
Sohil
2/28/2018 11:17:25 AM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.862 ng

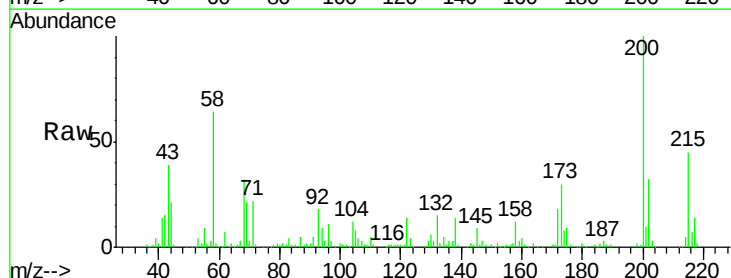
RT: 11.10 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

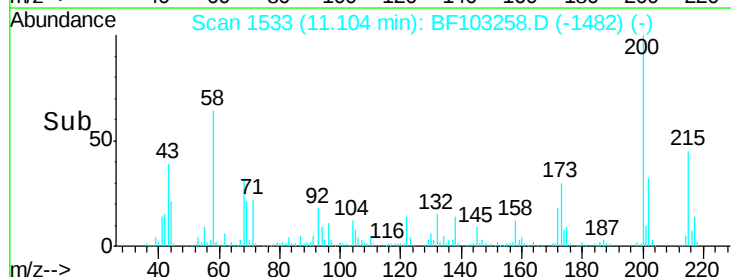
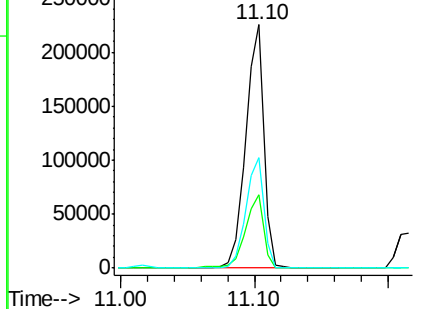
Tgt Ion:	200	Resp:	209133
Ion Ratio	Lower	Upper	
200	100		
173	30.2	8.6	48.6
215	45.5	25.1	65.1

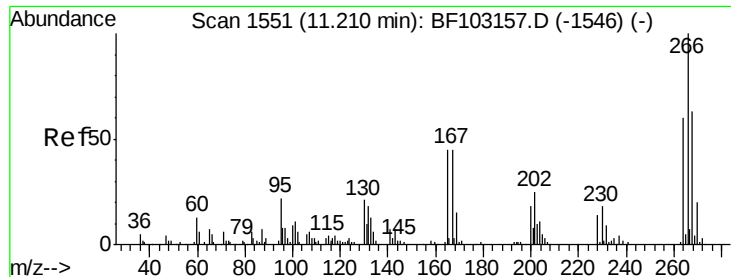


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





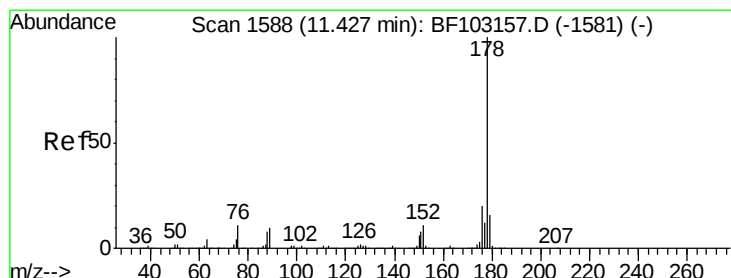
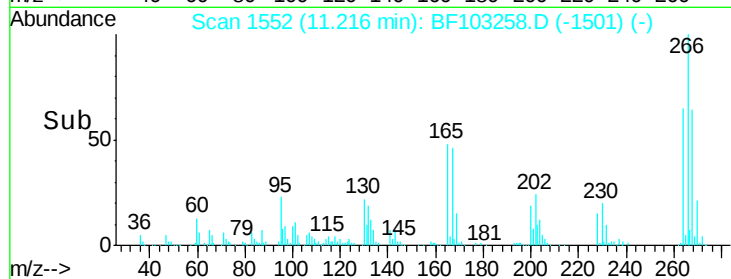
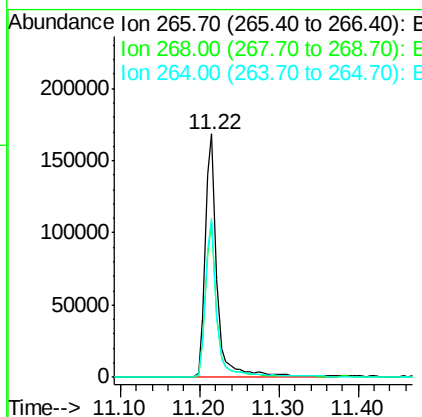
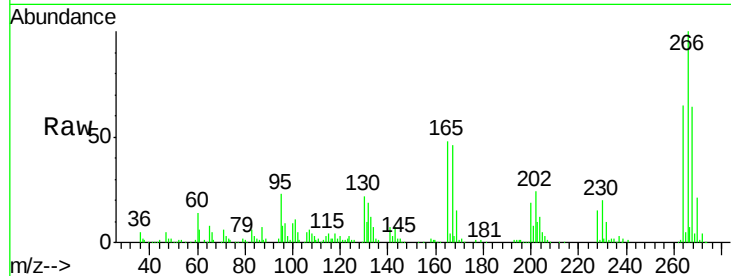
#69
 Pentachlorophenol
 Concen: 77.344 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106864BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	180311		
268	64.0	51.1	76.7	
264	65.4	49.5	74.3	

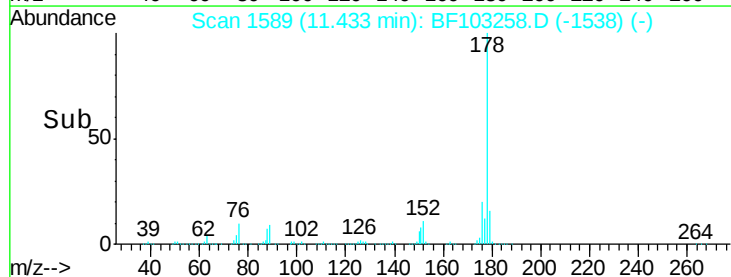
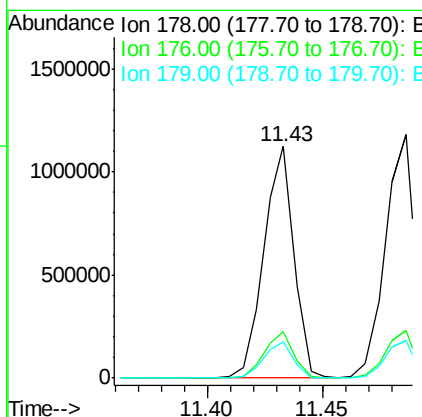
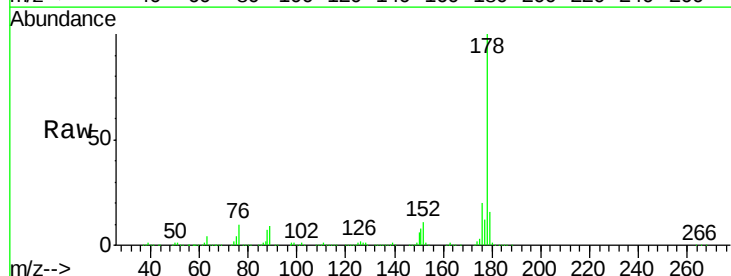
Manual Integrations
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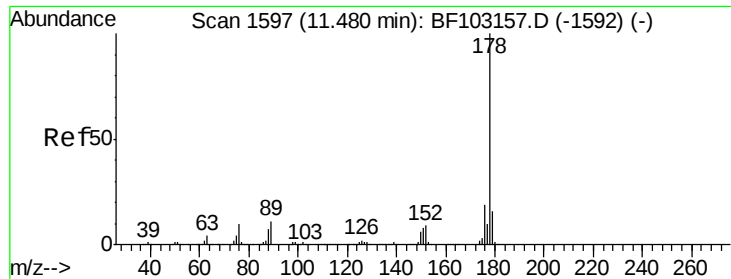
Sohil
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#70
 Phenanthrene
 Concen: 43.287 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1015852		
176	19.9	15.8	23.8	
179	15.7	13.0	19.6	





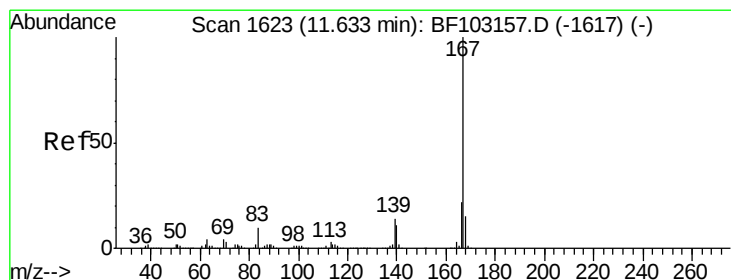
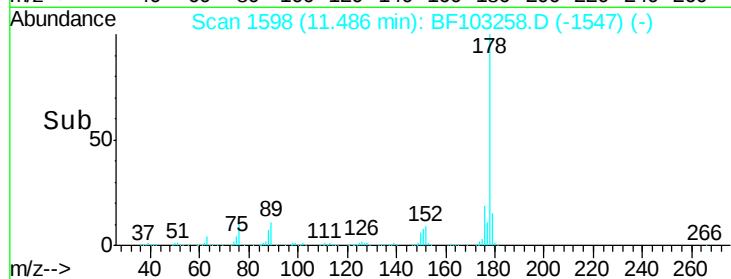
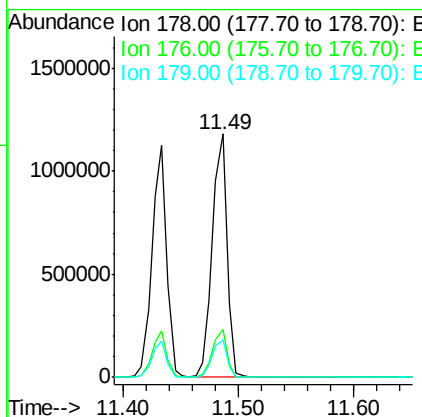
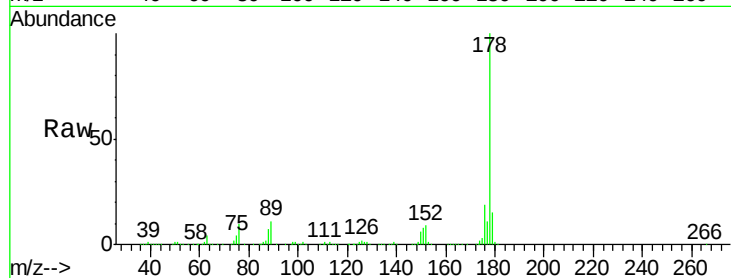
#71
 Anthracene
 Concen: 43.832 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106864BS

Tot Ion:178 Resp: 1054805
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.4 12.6 19.0

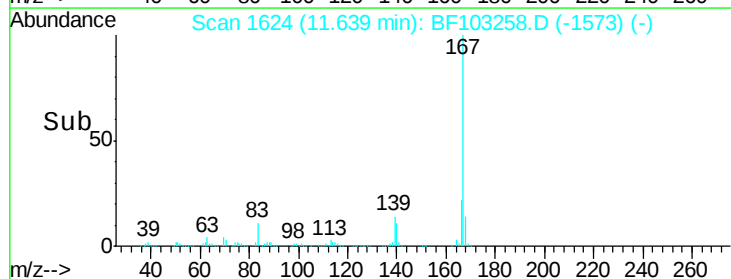
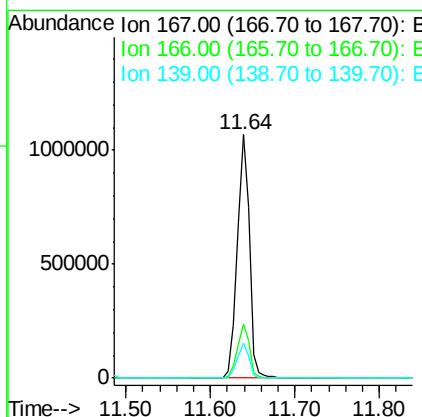
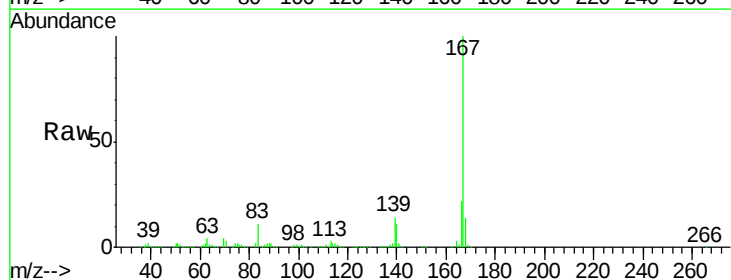
Manual Integrations
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#72
 Carbazole
 Concen: 43.376 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Tgt Ion:167 Resp: 1039490
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 14.2 10.9 16.3





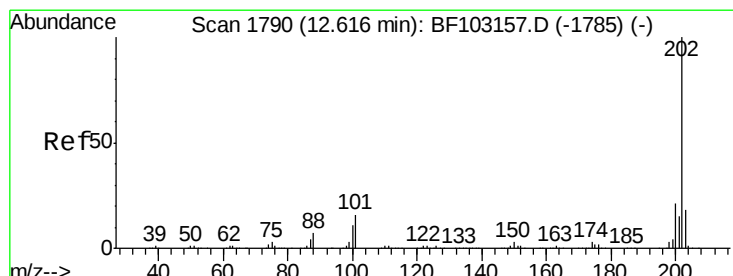
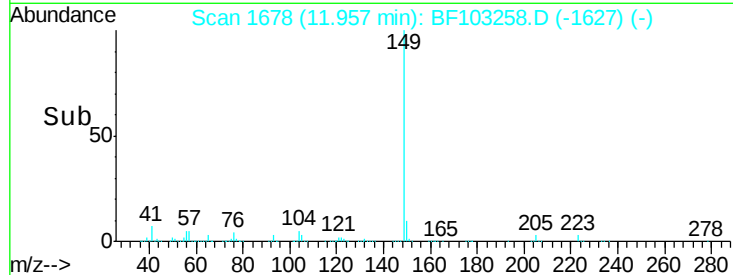
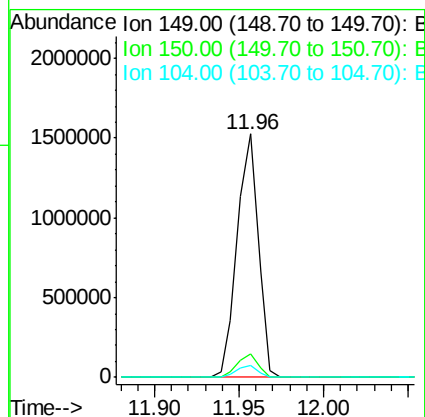
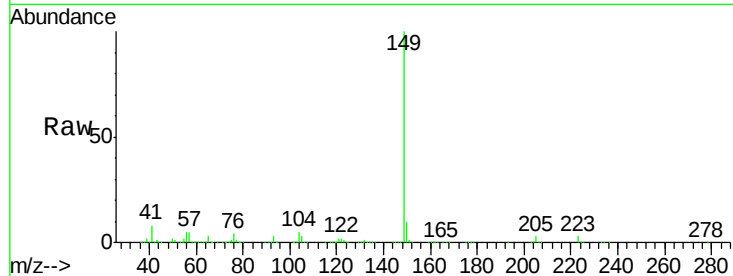
#73
Di-n-butylphthalate
Concen: 44.406 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106864BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.8	3.8	5.8

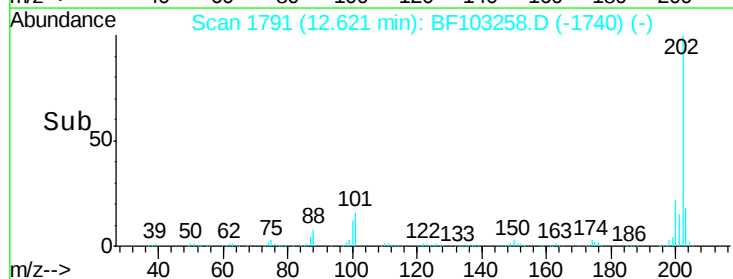
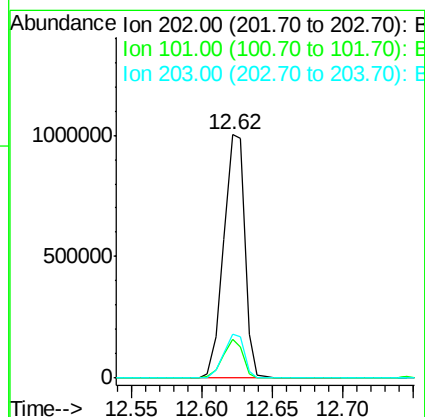
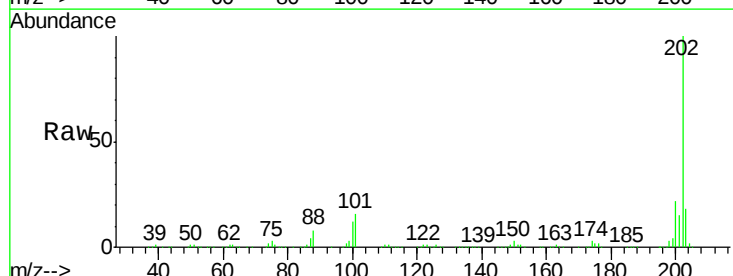
Manual Integrations
APPROVED

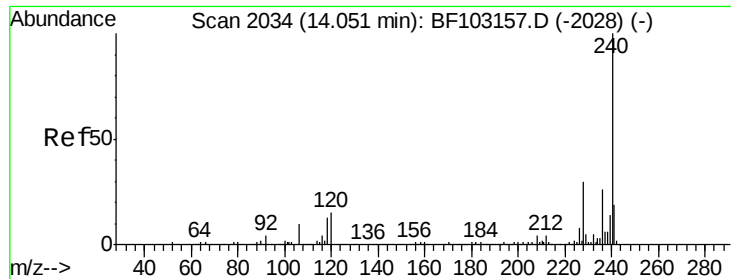
Sohil
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#74
Fluoranthene
Concen: 44.232 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	34.1
203	17.9	0.0	38.1





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Instrument :

BNA_F

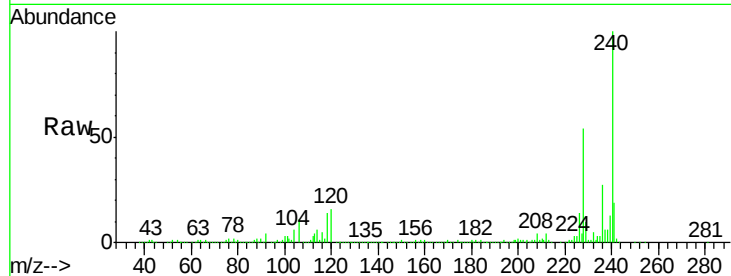
ClientSampleId :

PB106864BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.5	14.3
236	27.0	20.7	31.1

Manual Integrations
APPROVED

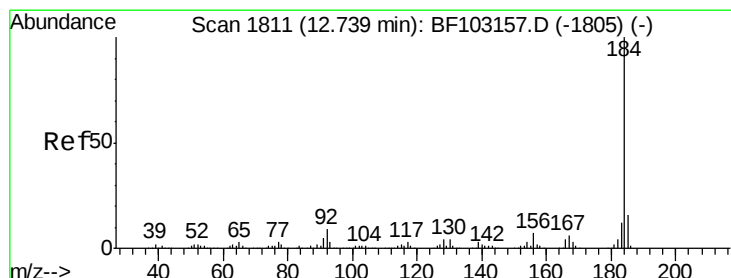
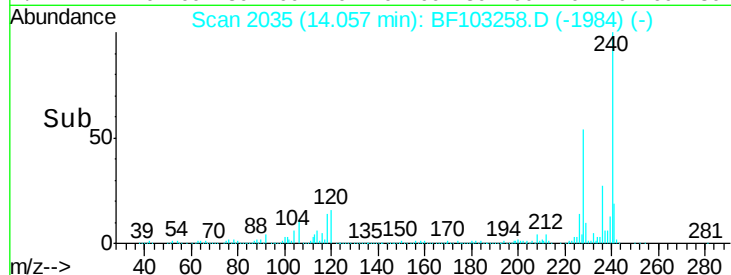
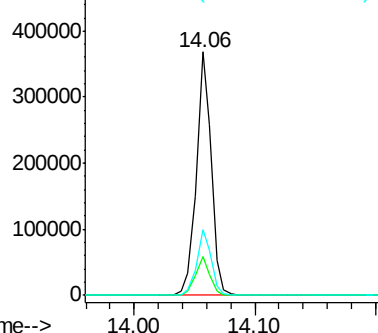
Sohil
2/28/2018 11:17:25 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 48.968 ng

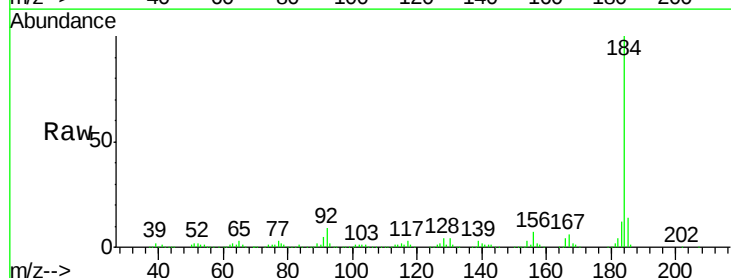
RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

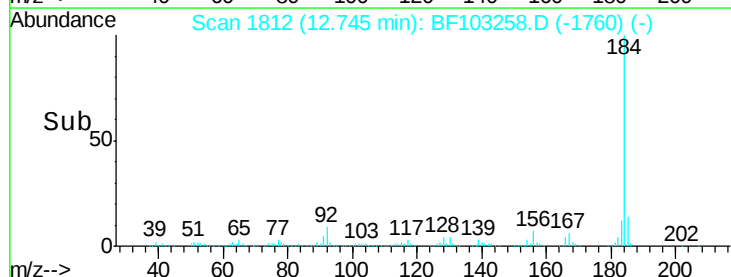
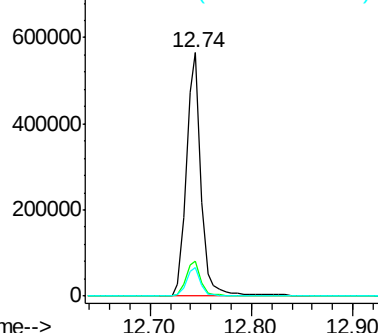
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	18.8
183	11.7	9.3	13.9

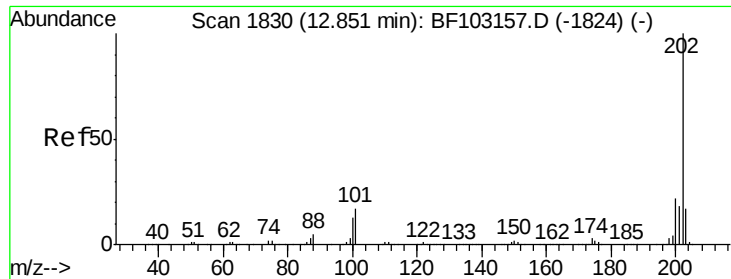


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.541 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Instrument :

BNA_F

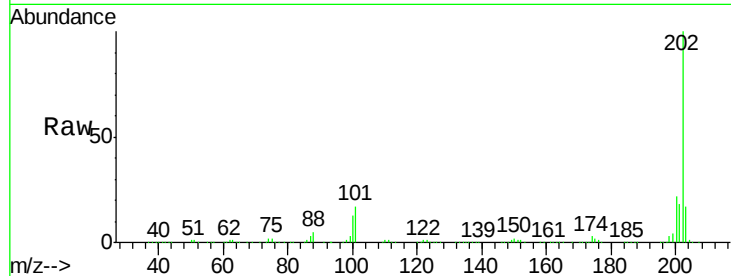
ClientSampleId :

PB106864BS

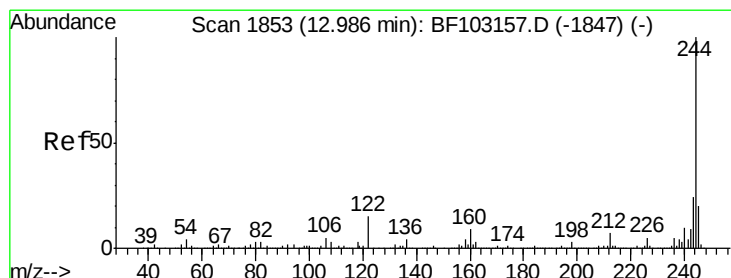
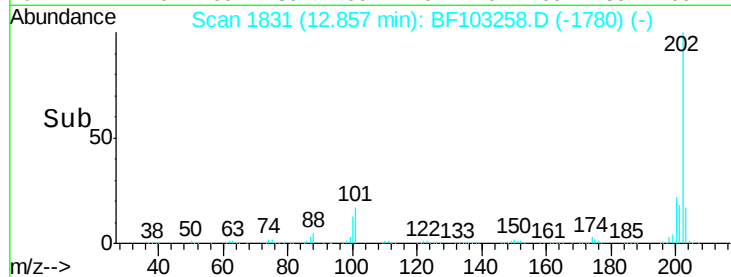
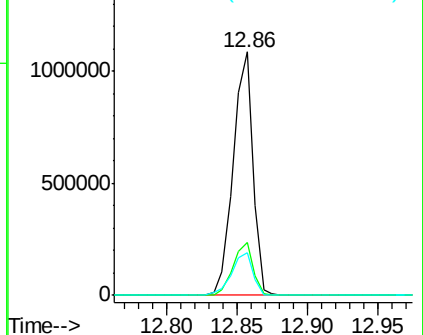
Tot Ion:	202	Resp:	1060502
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.4	26.2
203	17.4	14.3	21.5

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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: 88.475 ng

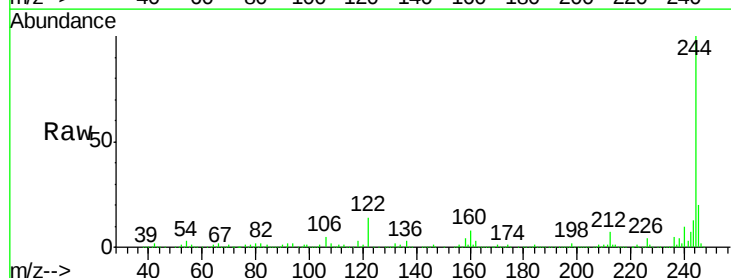
RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

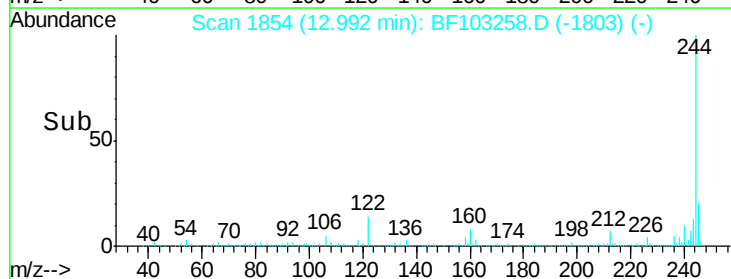
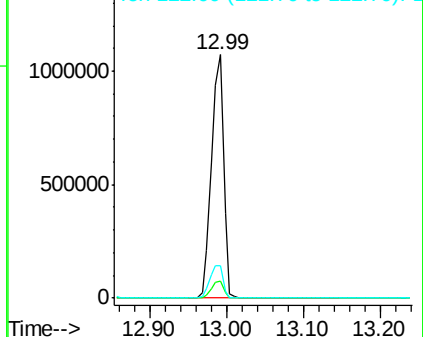
Lab File: BF103258.D

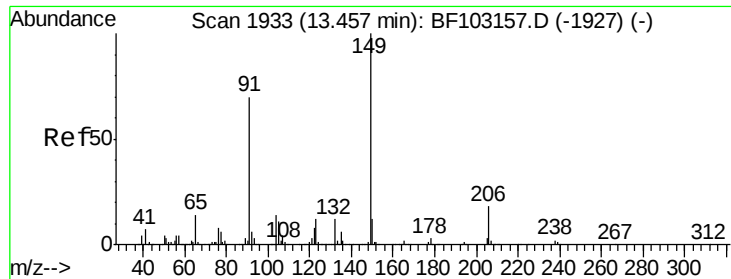
Acq: 27 Feb 2018 13:09

Tgt Ion:	244	Resp:	1149785
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	13.6	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





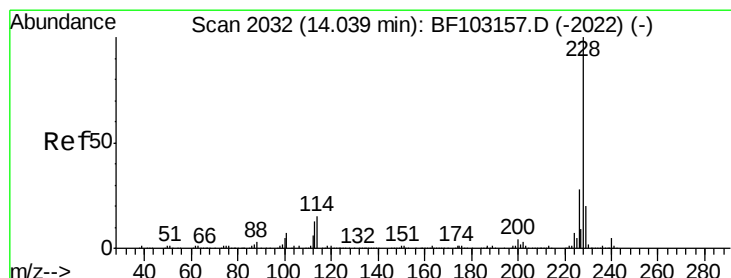
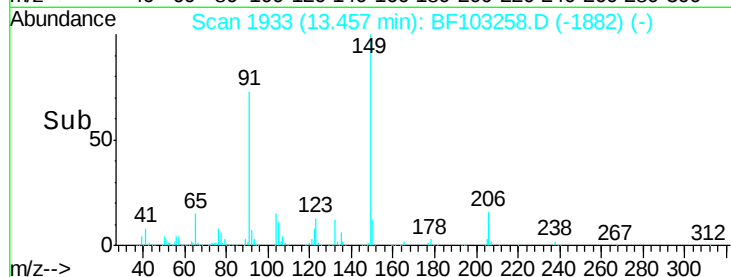
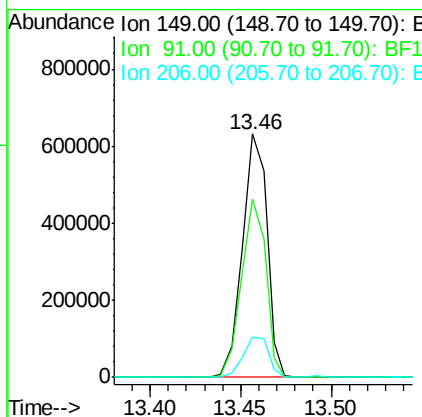
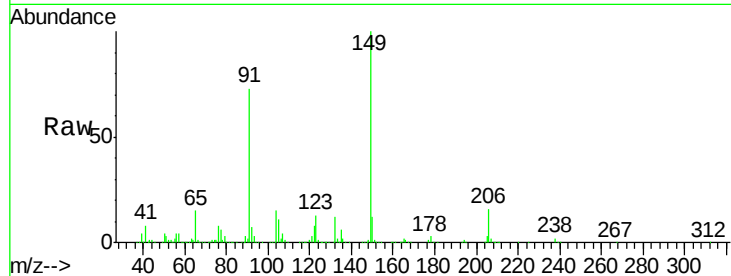
#79
Butylbenzylphthalate
Concen: 46.302 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106864BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	595828		
91	73.1	56.8	85.2	
206	16.5	14.1	21.1	

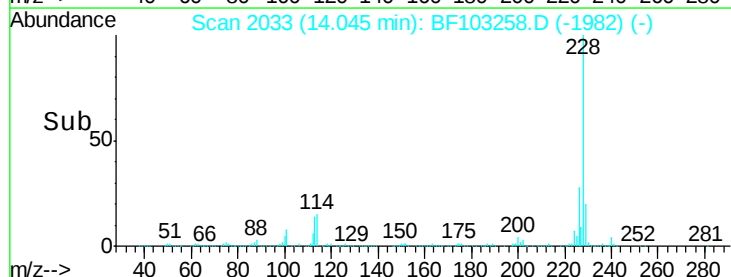
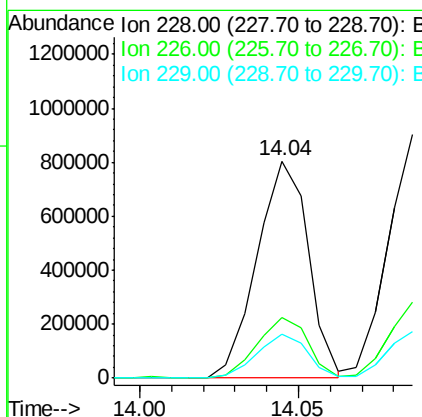
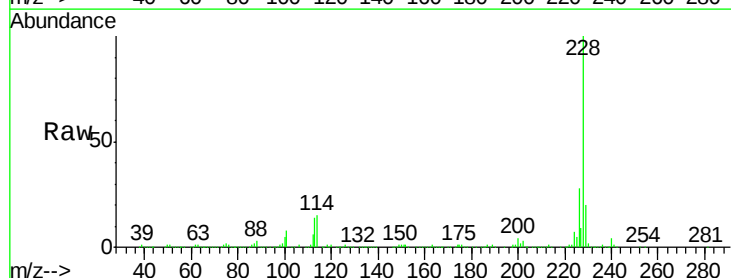
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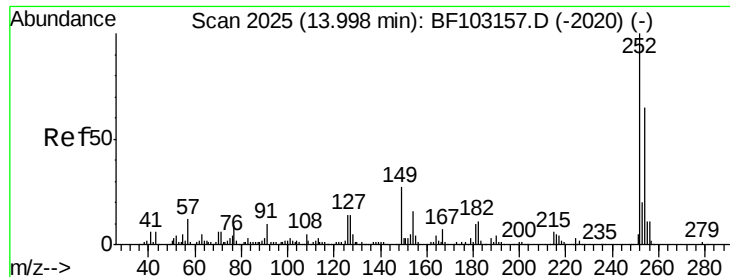
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#80
Benzo(a)anthracene
Concen: 44.821 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	908486		
226	27.8	22.6	33.8	
229	20.4	15.8	23.6	





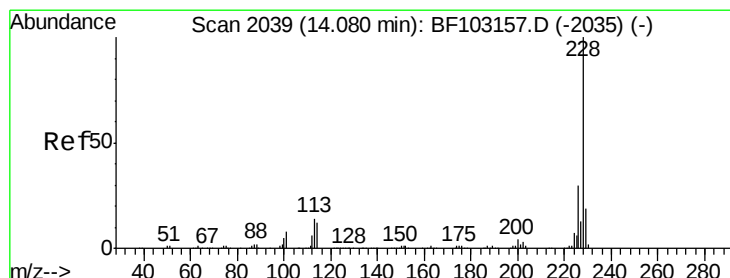
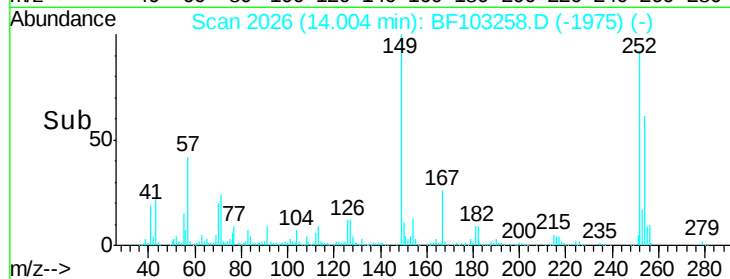
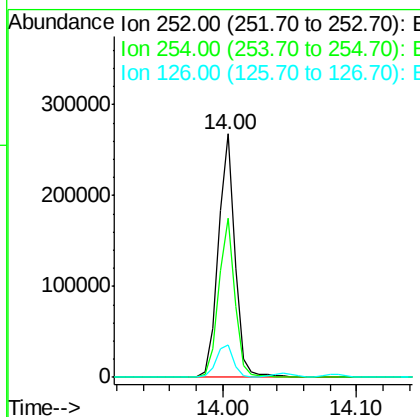
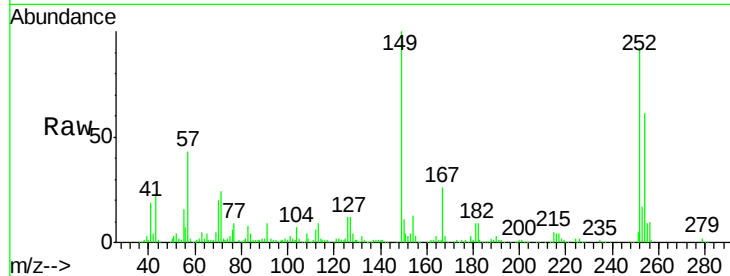
#81
 3,3'-Dichlorobenzidine
 Concen: 32.717 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106864BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	236665		
254	65.5	50.4	75.6	
126	13.3	11.3	16.9	

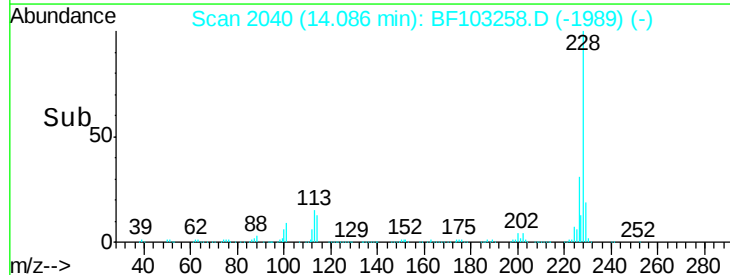
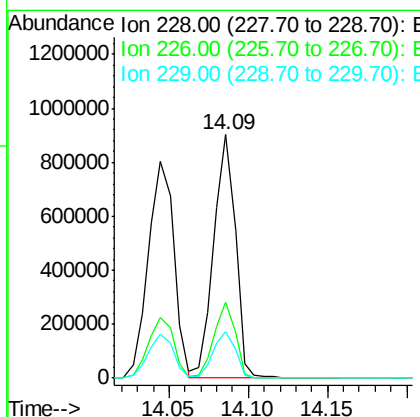
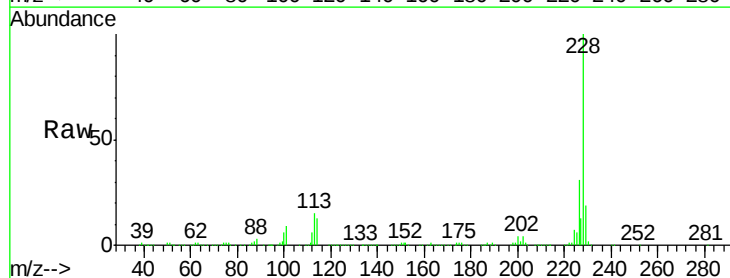
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#82
 Chrysene
 Concen: 43.822 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	862465		
226	31.0	25.0	37.6	
229	19.4	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.722 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Instrument :

BNA_F

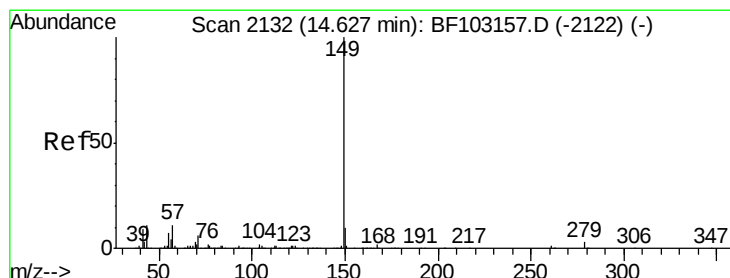
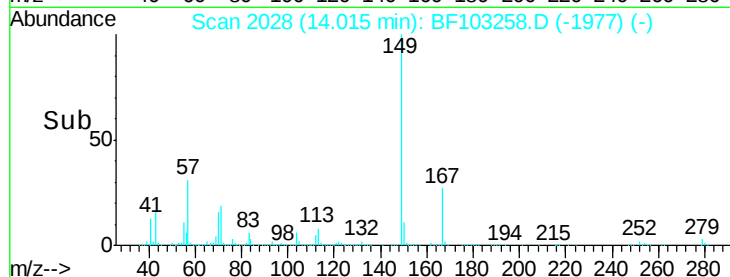
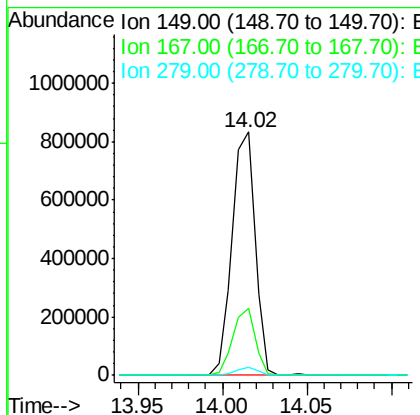
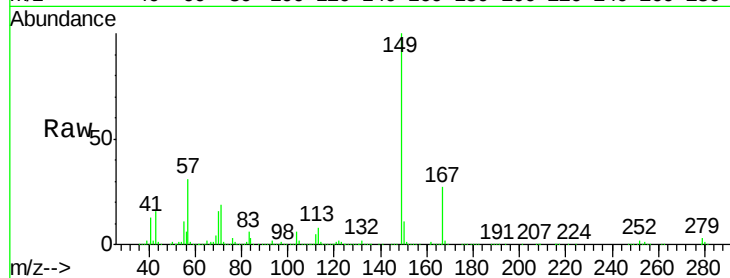
ClientSampled :

PB106864BS

Tot Ion:	149	Resp:	793982
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.3	31.9
279	3.5	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 48.952 ng

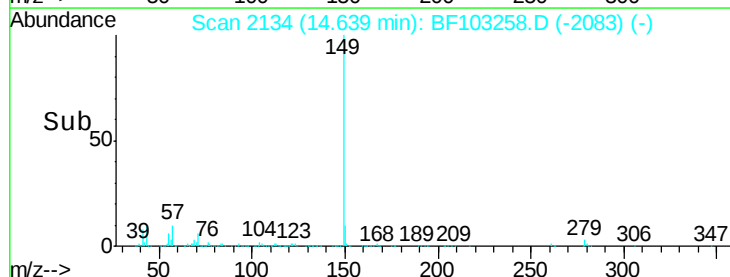
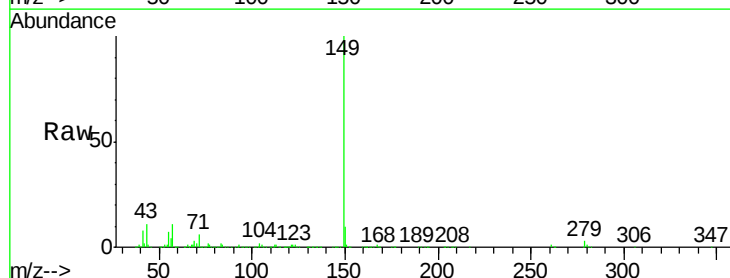
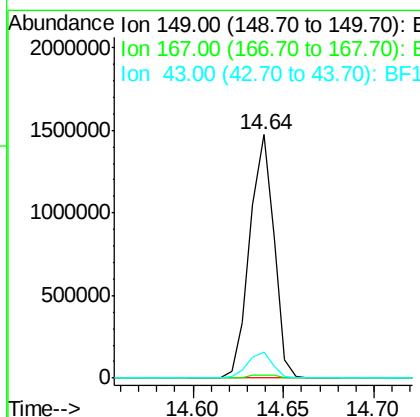
RT: 14.64 min Scan# 2134

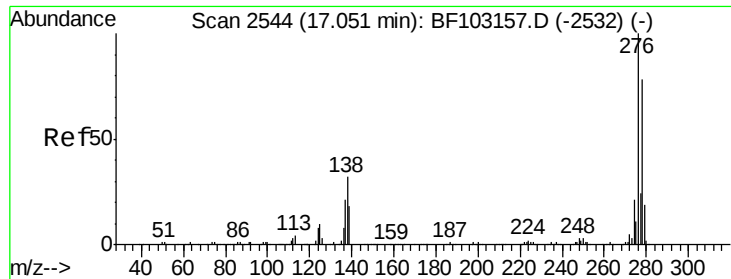
Delta R.T. -0.00 min

Lab File: BF103258.D

Acq: 27 Feb 2018 13:09

Tgt Ion:	149	Resp:	1373450
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.7	8.4	12.6





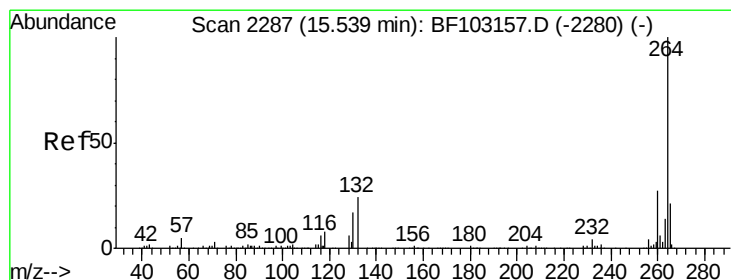
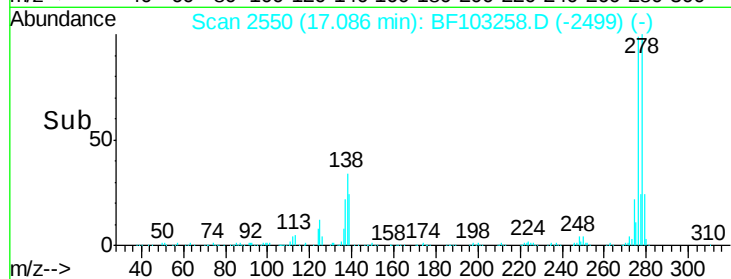
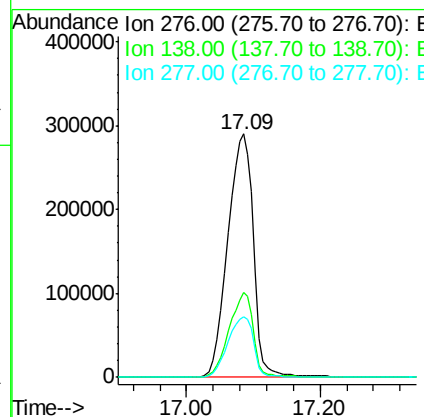
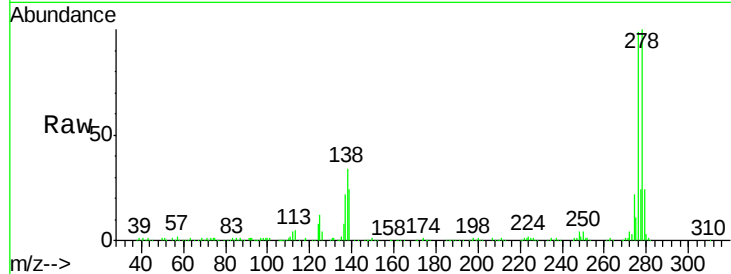
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.625 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106864BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.3	25.0	37.6
277	25.2	20.1	30.1

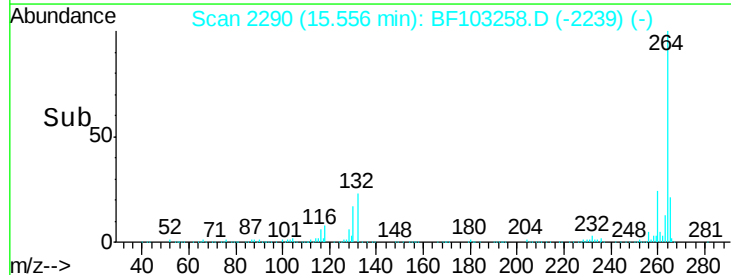
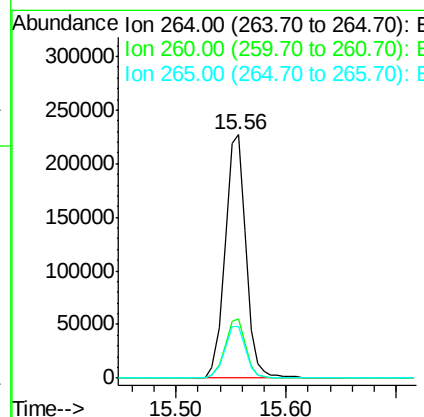
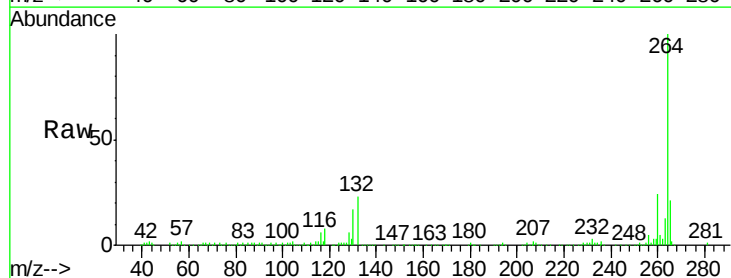
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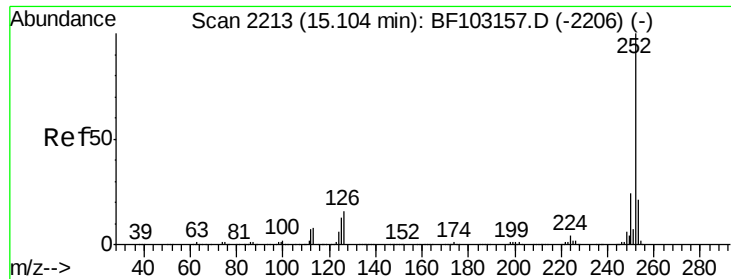
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.2	17.5	26.3





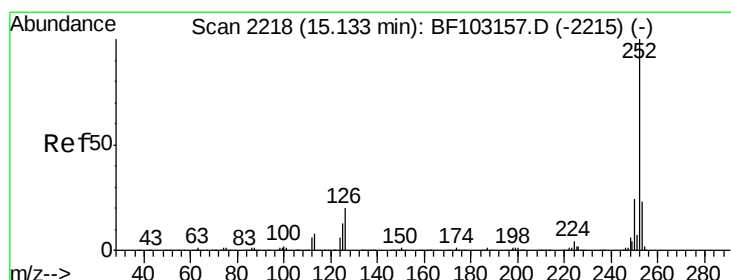
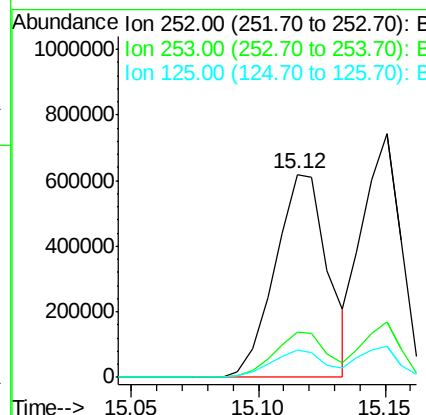
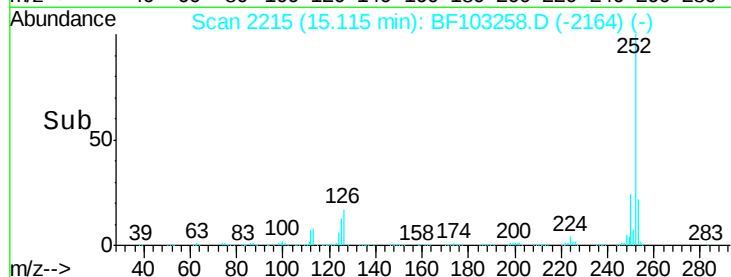
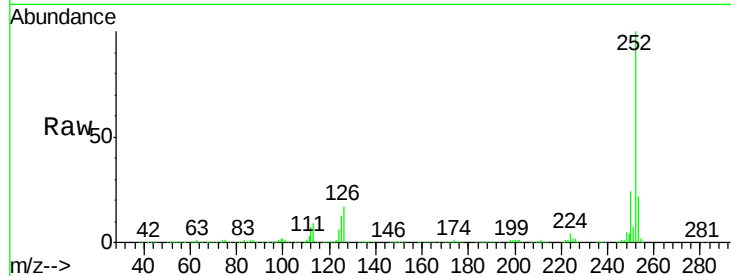
#87
Benzo(b)fluoranthene
Concen: 45.612 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106864BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	13.3	9.0	13.6

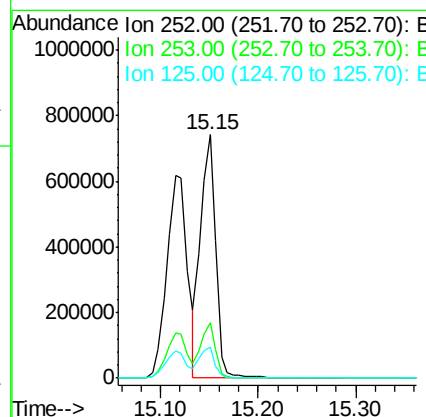
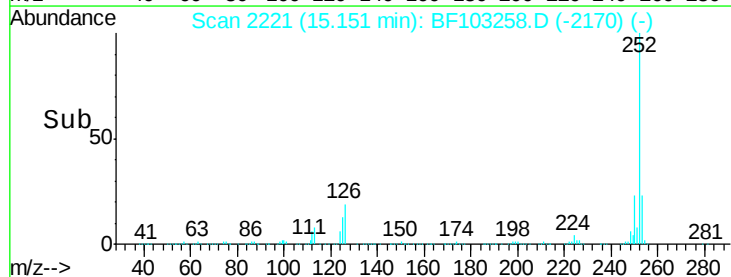
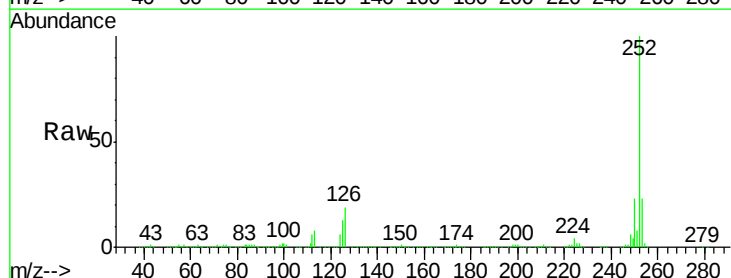
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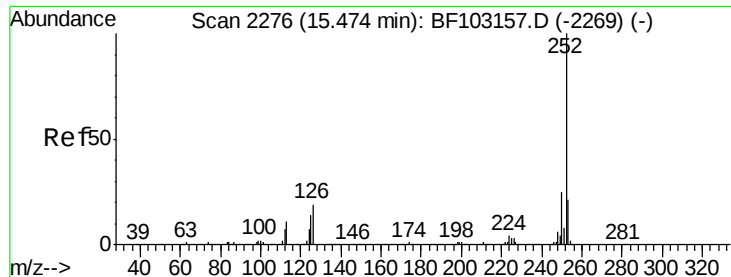
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#88
Benzo(k)fluoranthene
Concen: 43.096 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	12.7	10.2	15.2





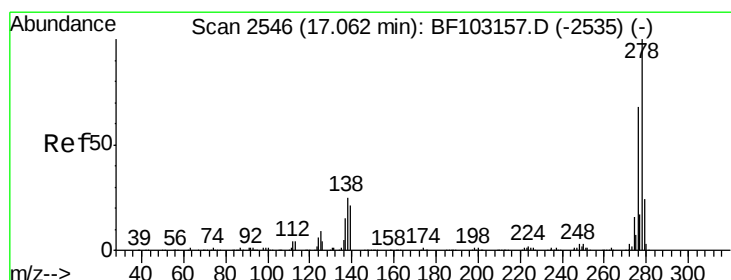
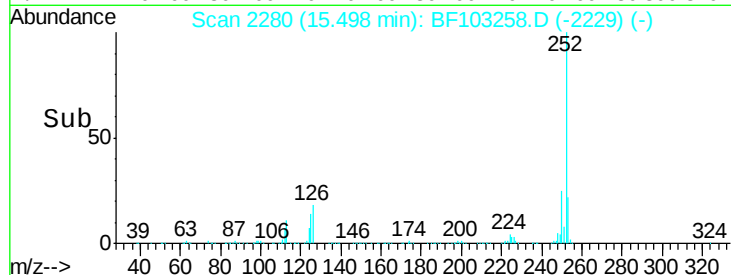
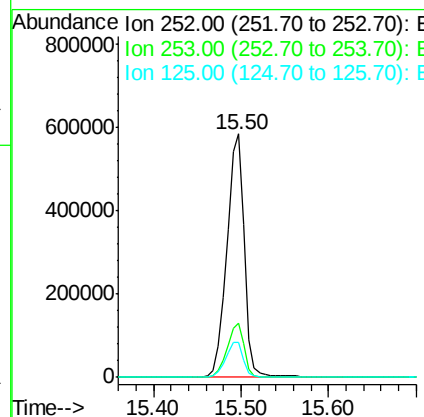
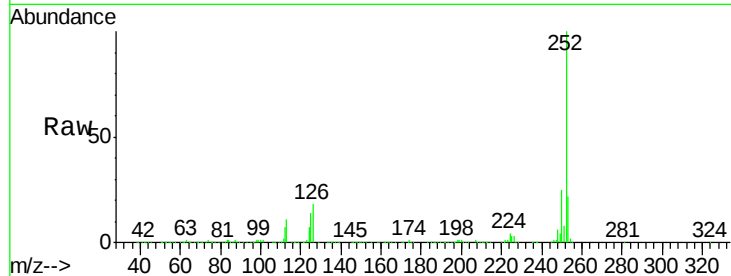
#89
Benzo(a)pyrene
Concen: 46.099 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Instrument :
BNA_F
ClientSampleId :
PB106864BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	14.1	9.8	14.6

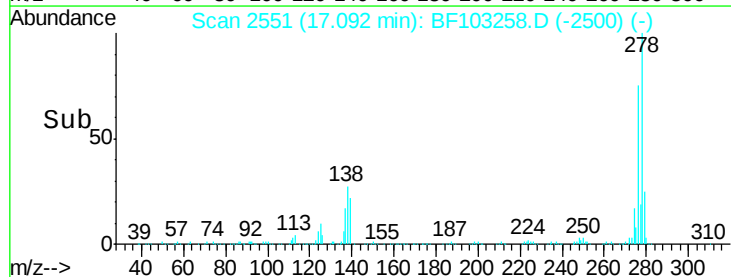
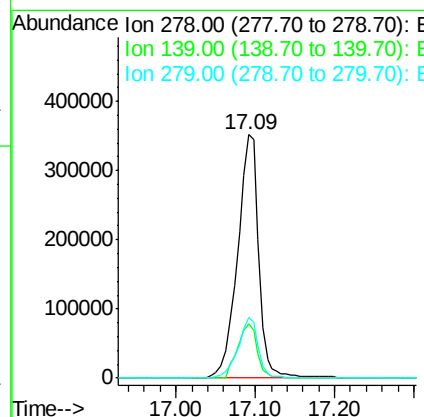
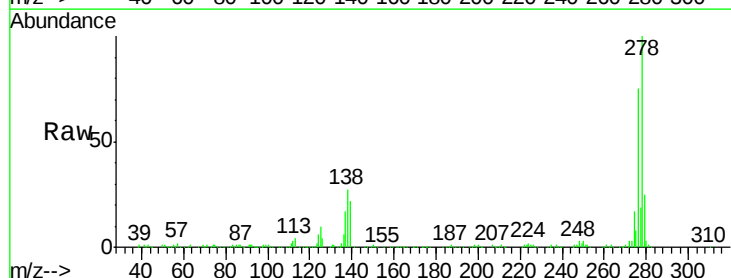
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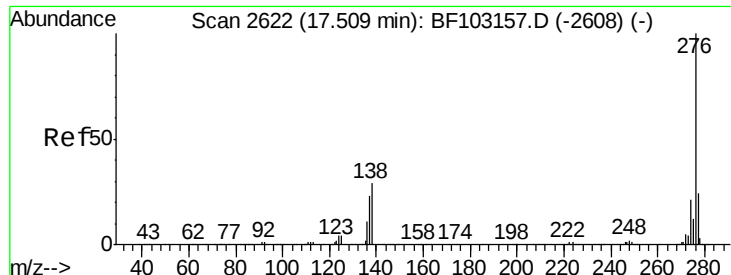
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#90
Dibenzo(a,h)anthracene
Concen: 47.996 ng
RT: 17.09 min Scan# 2551
Delta R.T. -0.00 min
Lab File: BF103258.D
Acq: 27 Feb 2018 13:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.9	23.9
279	24.9	19.0	28.4





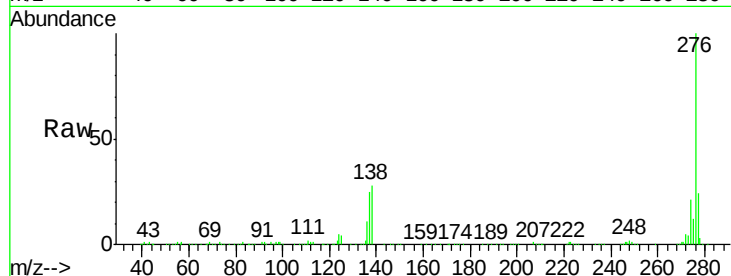
#91
 Benzo(a,h,i)perylene
 Concen: 51.312 ng
 RT: 17.54 min Scan# 2628
 Delta R.T. 0.01 min
 Lab File: BF103258.D
 Acq: 27 Feb 2018 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB106864BS

Tot Ion:	276	Resp:	681807
Ion Ratio		Lower	Upper
276	100		
277	23.9	17.9	26.9
138	28.1	21.8	32.8

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

