

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103207.D
 Acq On : 26 Feb 2018 10:08
 Operator : SJ/JU
 Sample : PB106778BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106778BS

Manual Integrations
 APPROVED

Sohil
 2/27/2018 12:22:22 PM

Quant Time: Feb 26 10:55:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	149787	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	640279	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	293489	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	527153	20.00	ng	0.00
75) Chrysene-d12	14.05	240	407268	20.00	ng	0.00
86) Perylene-d12	15.54	264	388945	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1054992	106.52	ng	0.01
7) Phenol-d6	6.50	99	1274718	105.19	ng	0.00
23) Nitrobenzene-d5	7.43	82	836030	74.57	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	268917	108.25	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1314677	75.02	ng	0.00
78) Terphenyl-d14	12.99	244	1280716	75.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	178673	34.158	ng	90
3) Pyridine	3.49	79	497984	35.660	ng	100
4) n-Nitrosodimethylamine	3.43	42	236579	42.007	ng	98
6) Aniline	6.53	93	413203	23.625	ng	94
8) 2-Chlorophenol	6.66	128	398904	38.772	ng	93
9) Benzaldehyde	6.42	77	225883	28.158	ng	99
10) Phenol	6.52	94	517961	36.817	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	404327	37.867	ng	91
12) 1,3-Dichlorobenzene	6.81	146	418109	35.562	ng	99
13) 1,4-Dichlorobenzene	6.89	146	418971	35.543	ng	98
14) 1,2-Dichlorobenzene	7.04	146	396572	36.486	ng	100
15) Benzyl Alcohol	7.01	79	350553	38.387	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	675024	36.815	ng	98
17) 2-Methylphenol	7.12	107	348777	37.303	ng	98
18) Hexachloroethane	7.38	117	157309	36.659	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	268398	35.586	ng	98
20) 3+4-Methylphenols	7.27	107	393273	34.506	ng	# 70
22) Acetophenone	7.28	105	529474	35.428	ng	# 91
24) Nitrobenzene	7.46	77	449615	36.424	ng	97
25) Isophorone	7.69	82	834446	37.790	ng	98
26) 2-Nitrophenol	7.77	139	226019	38.894	ng	95
27) 2,4-Dimethylphenol	7.80	122	369316	41.578	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	509133	39.217	ng	99
29) 2,4-Dichlorophenol	8.01	162	333940	39.268	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	320401	35.380	ng	99
31) Naphthalene	8.17	128	1149330	36.665	ng	99
32) Benzoic acid	7.93	122	241014	38.219	ng	97
33) 4-Chloroaniline	8.22	127	184442	13.635	ng	97
34) Hexachlorobutadiene	8.29	225	160327	33.998	ng	99
35) Caprolactam	8.59	113	125418m	41.962	ng	
36) 4-Chloro-3-methylphenol	8.71	107	376201	39.220	ng	98
37) 2-Methylnaphthalene	8.87	142	765716	37.797	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	282917	35.261	ng	98
40) Hexachlorocyclopentadiene	9.02	237	196967	70.796	ng	100

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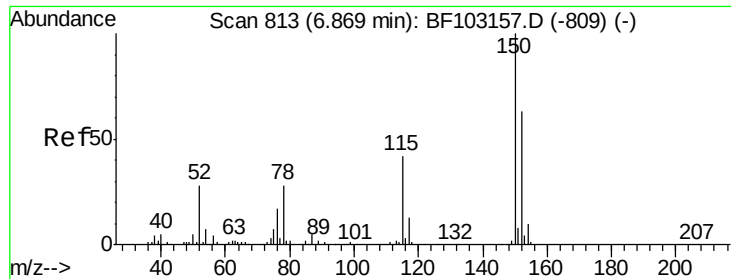
Manual Integrations
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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	204879	37.949	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	219640	35.372	nq	98
45) 1,1'-Biphenyl	9.33	154	871423	35.434	nq	98
46) 2-Chloronaphthalene	9.36	162	689785	35.453	nq	98
47) 2-Nitroaniline	9.46	65	272435	37.802	nq	92
48) Acenaphthylene	9.77	152	1071716	35.801	nq	99
49) Dimethylphthalate	9.63	163	834023	35.424	nq	99
50) 2,6-Dinitrotoluene	9.70	165	187485	37.946	nq	98
51) Acenaphthene	9.95	154	613487	35.145	nq	100
52) 3-Nitroaniline	9.87	138	130640	20.841	nq	# 92
53) 2,4-Dinitrophenol	9.98	184	152732	84.908	nq	# 18
54) Dibenzofuran	10.12	168	927526	38.708	nq	96
55) 4-Nitrophenol	10.03	139	286008	73.617	nq	91
56) 2,4-Dinitrotoluene	10.10	165	249533	39.933	nq	96
57) Fluorene	10.46	166	715613	35.057	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	169107	40.541	nq	98
59) Diethylphthalate	10.33	149	807768	35.872	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	311644	36.002	nq	95
61) 4-Nitroaniline	10.49	138	230271	36.778	nq	95
62) Azobenzene	10.61	77	874803	38.166	nq	98
64) 4,6-Dinitro-2-methylphenol	10.52	198	110574	35.867	nq	94
65) n-Nitrosodiphenylamine	10.57	169	657986	35.848	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	194561	35.430	nq	95
67) Hexachlorobenzene	11.01	284	210670	35.345	nq	94
68) Atrazine	11.10	200	209369	37.951	nq	98
69) Pentachlorophenol	11.20	266	197465	68.519	nq	98
70) Phenanthrene	11.43	178	1028952	35.468	nq	99
71) Anthracene	11.48	178	1082004	36.371	nq	99
72) Carbazole	11.63	167	1062041	35.850	nq	99
73) Di-n-butylphthalate	11.95	149	1339543	36.136	nq	99
74) Fluoranthene	12.62	202	1091835	37.452	nq	97
76) Benzidine	12.73	184	471924	30.995	nq	99
77) Pyrene	12.84	202	1126143	35.466	nq	100
79) Butylbenzylphthalate	13.46	149	604899	36.056	nq	97
80) Benzo(a)anthracene	14.04	228	985526	37.295	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	204041	21.636	nq	97
82) Chrysene	14.07	228	951647	37.090	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	845342	37.340	nq	99
84) Di-n-octyl phthalate	14.63	149	1449626	39.631	nq	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	794593	39.118	nq	98
87) Benzo(b)fluoranthene	15.10	252	950181	37.156	nq	97
88) Benzo(k)fluoranthene	15.14	252	877767	36.451	nq	99
89) Benzo(a)pyrene	15.48	252	867796	38.000	nq	98
90) Dibenzo(a,h)anthracene	17.07	278	648857	36.771	nq	98
91) Benzo(g,h,i)perylene	17.52	276	655624	38.016	nq	98

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



#1

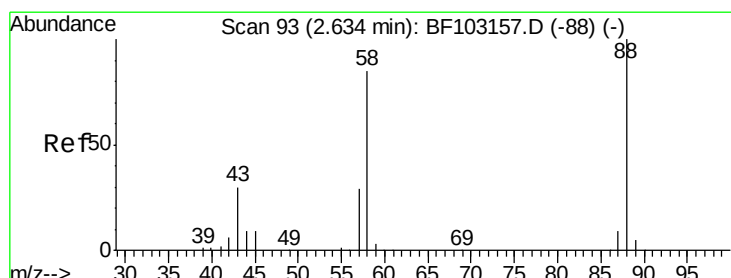
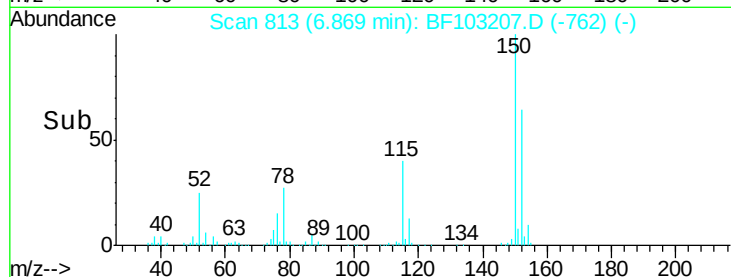
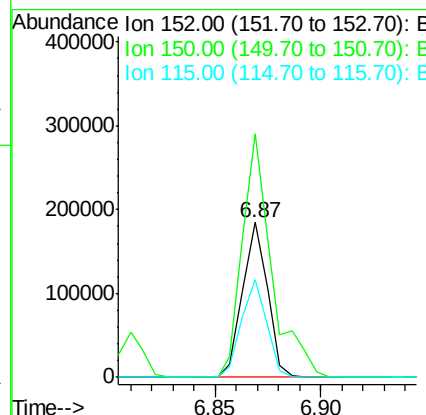
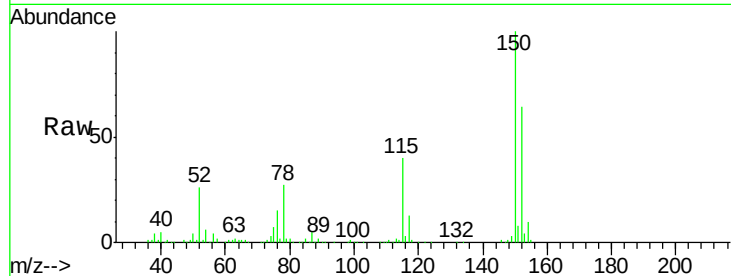
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampleId :
PB106778BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	63.5	50.1	75.1

Manual Integrations
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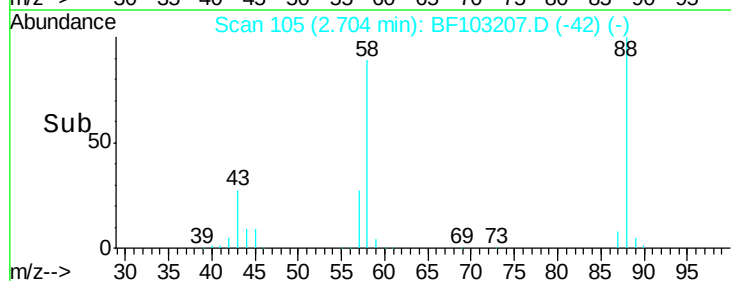
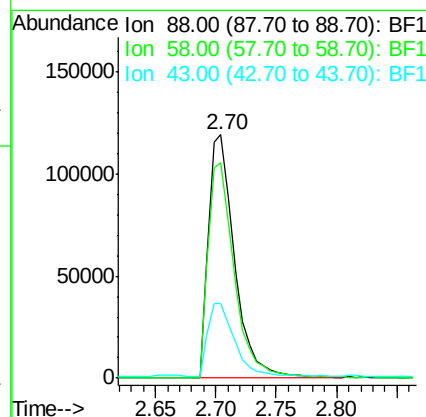
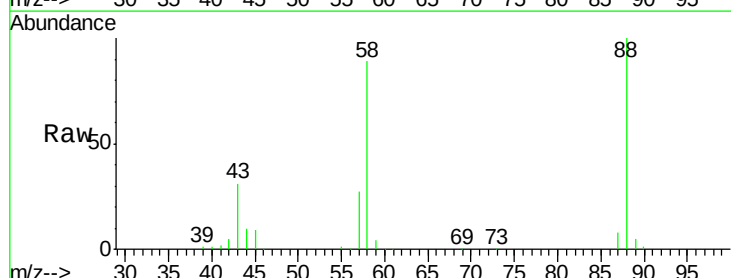
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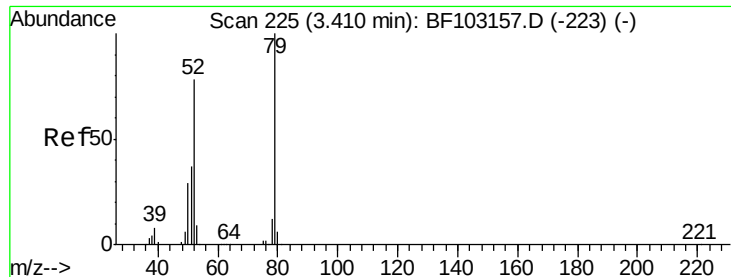


#2

1,4-Dioxane
Concen: 34.158 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.07 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.6	62.6	93.8
43	31.0	24.6	37.0





#3

Pvridine

Concen: 35.660 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.08 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

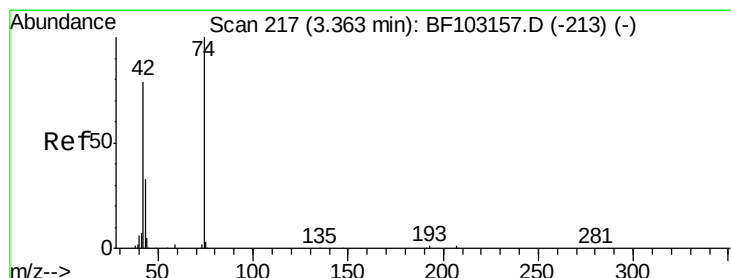
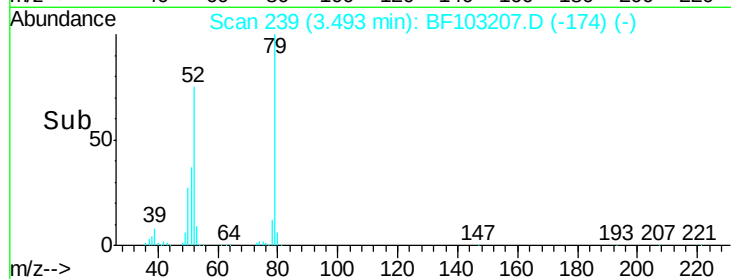
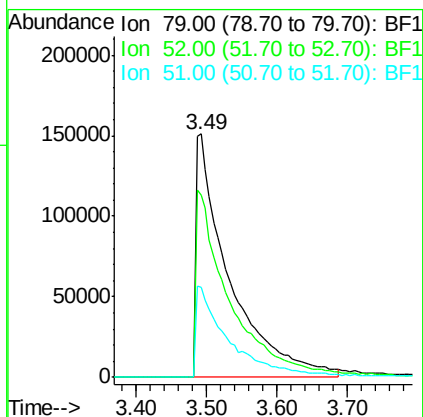
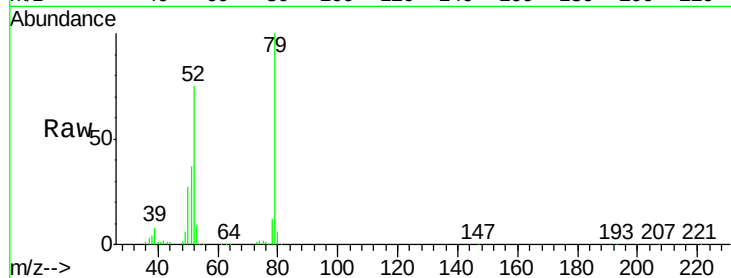
ClientSampleId :

PB106778BS

Tot Ion:	79	Resp:	497984
Ion Ratio	Lower	Upper	
79	100		
52	75.1	59.8	89.6
51	37.2	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.007 ng

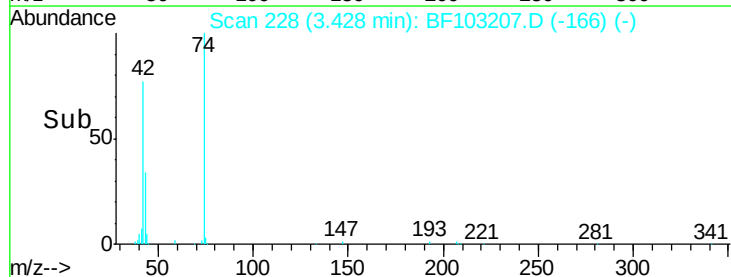
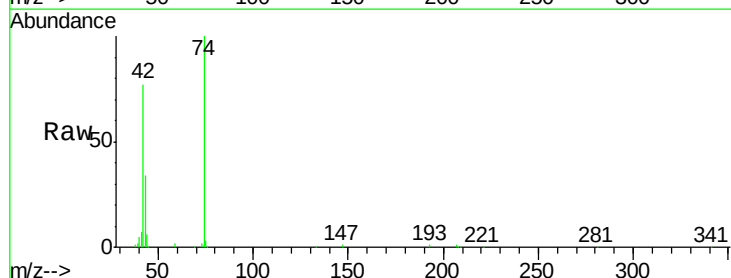
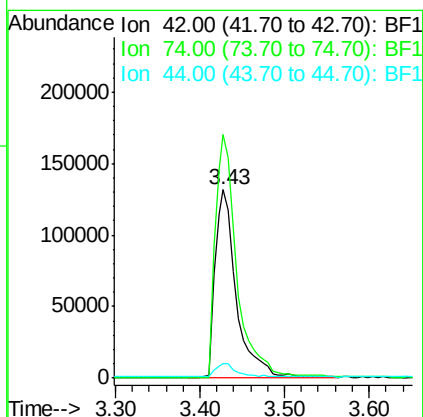
RT: 3.43 min Scan# 228

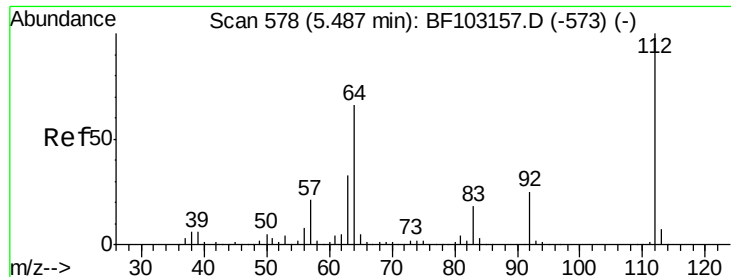
Delta R.T. 0.06 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Tgt Ion:	42	Resp:	236579
Ion Ratio	Lower	Upper	
42	100		
74	129.3	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 106.525 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

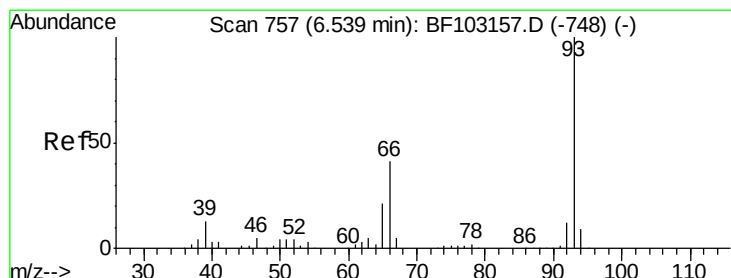
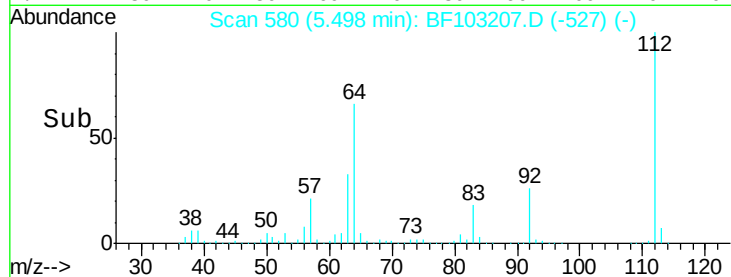
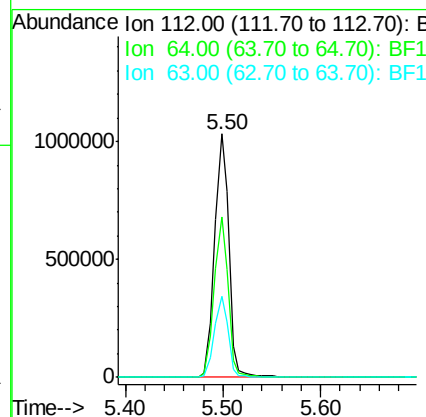
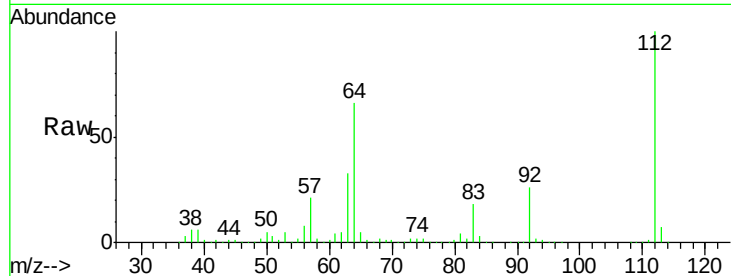
ClientSampled :

PB106778BS

Tot Ion:	112	Resp:	1054992
Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	33.5	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 23.625 ng

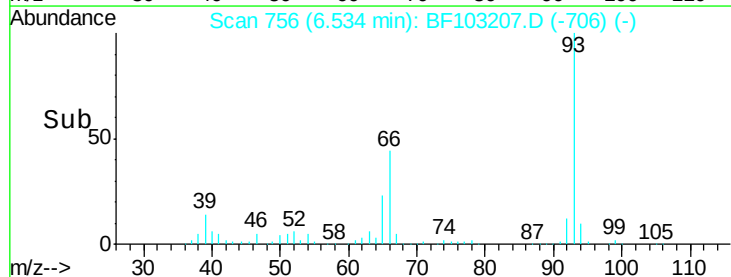
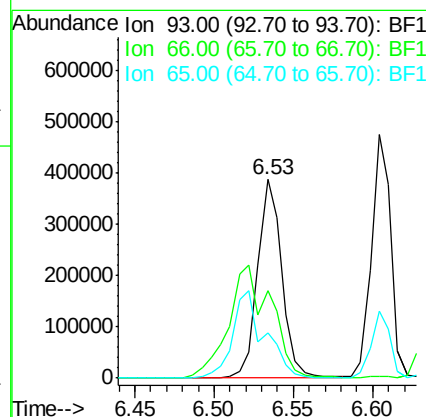
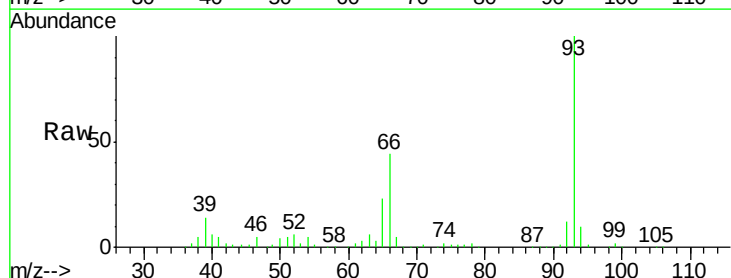
RT: 6.53 min Scan# 756

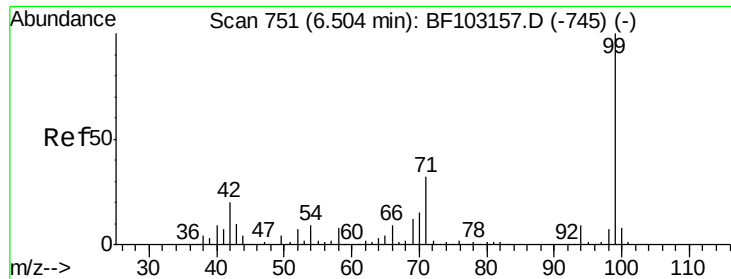
Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Tgt Ion:	93	Resp:	413203
Ion	Ratio	Lower	Upper
93	100		
66	44.1	32.2	48.2
65	23.0	16.4	24.6





#7

Phenol-d6

Concen: 105.186 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

PB106778BS

Tot Ion: 99 Resp: 1274718

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

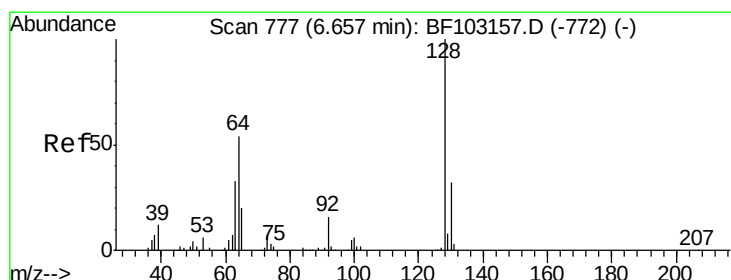
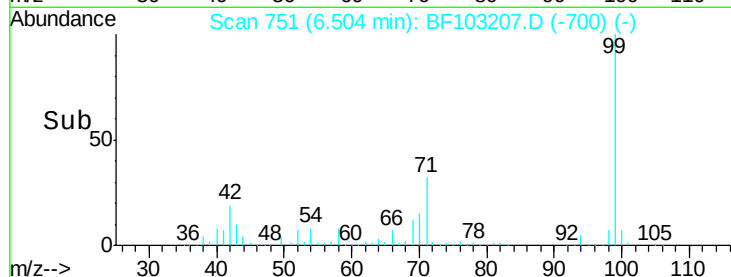
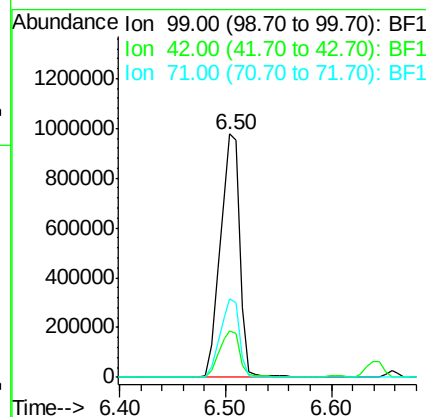
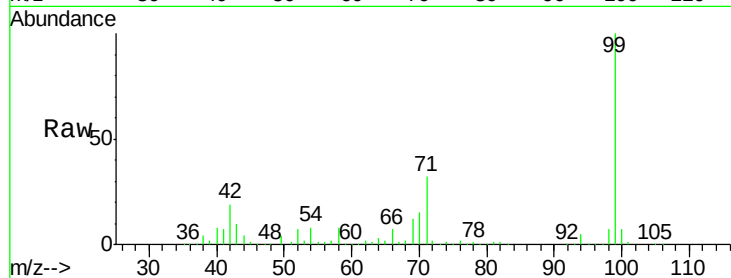
71 32.4 25.4 38.0

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#8

2-Chlorophenol

Concen: 38.772 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

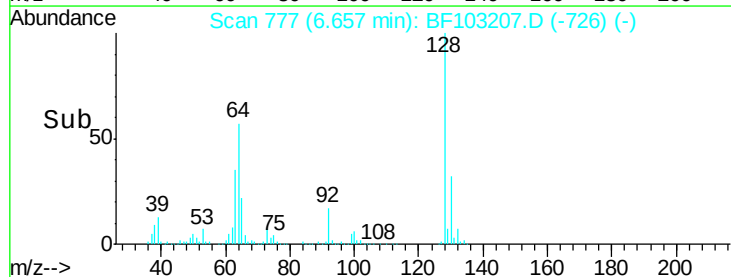
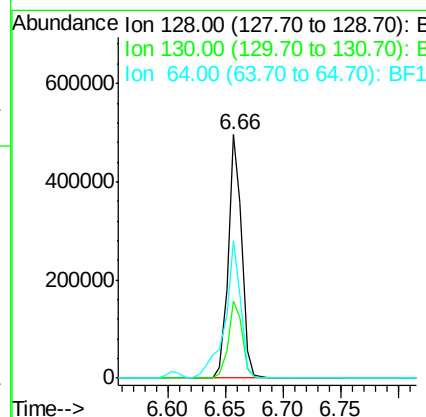
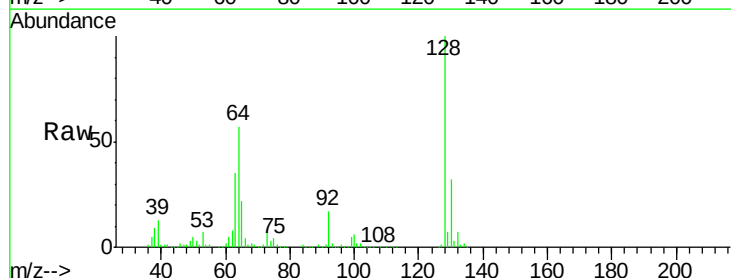
Tgt Ion: 128 Resp: 398904

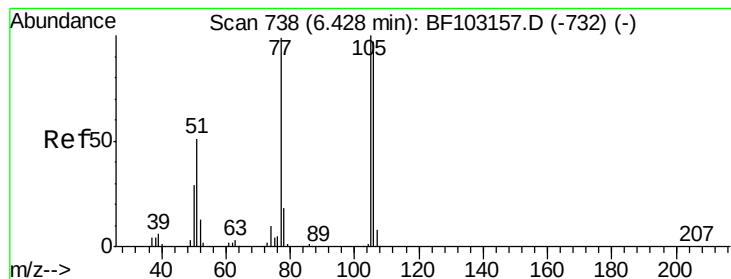
Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

64 56.6 29.4 69.4





#9

Benzaldehyde

Concen: 28.158 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

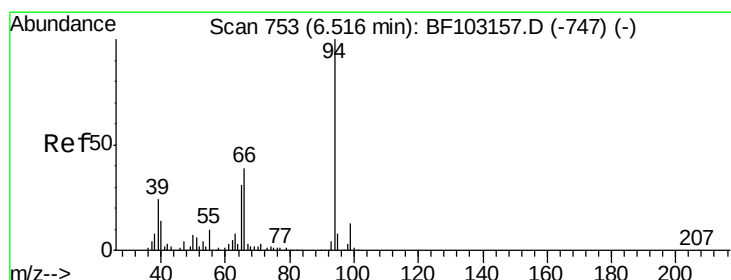
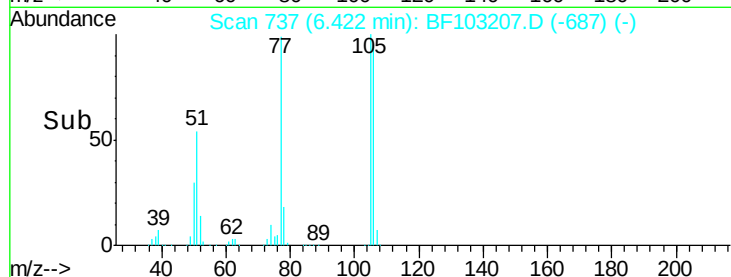
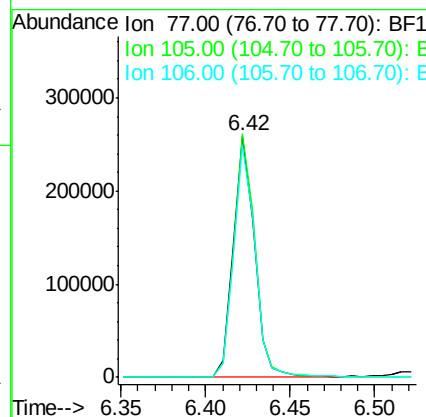
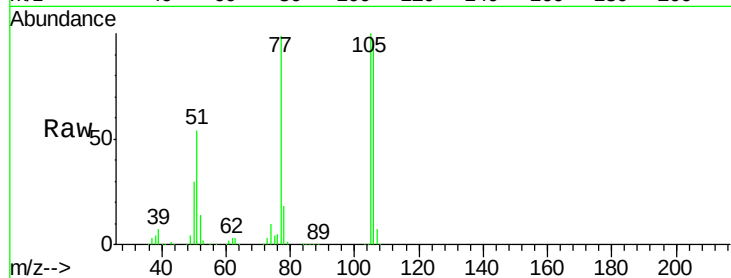
ClientSampleId :

PB106778BS

Tot Ion:	77	Resp:	225883
Ion Ratio	Lower	Upper	
77	100		
105	100.8	81.1	121.1
106	96.0	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 36.817 ng

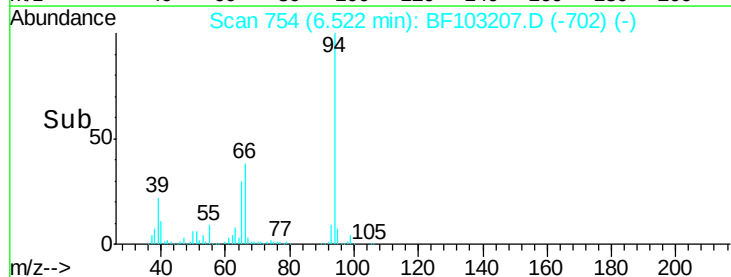
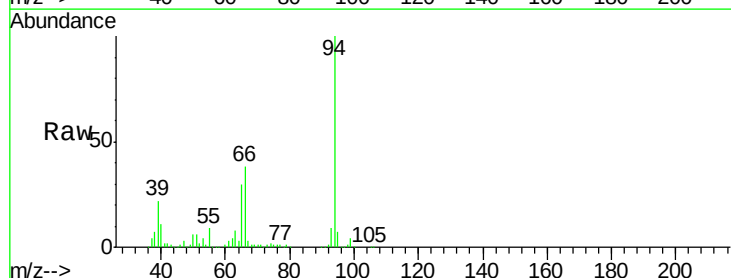
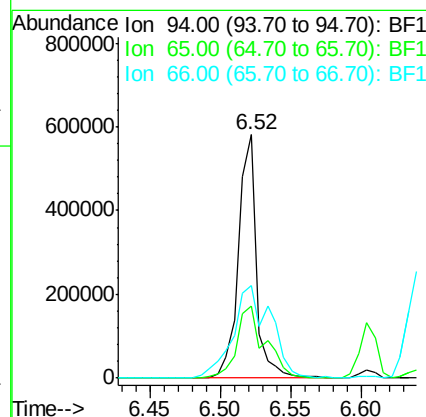
RT: 6.52 min Scan# 754

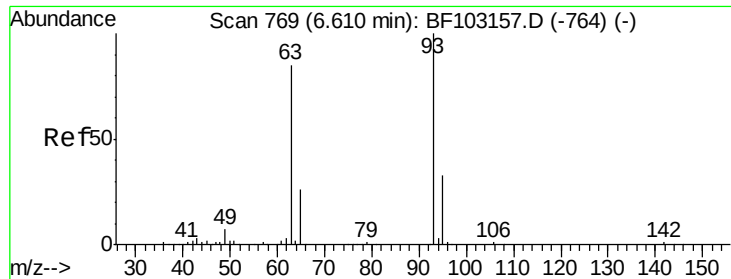
Delta R.T. 0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Tgt Ion:	94	Resp:	517961
Ion Ratio	Lower	Upper	
94	100		
65	29.5	7.9	47.9
66	38.1	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.867 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

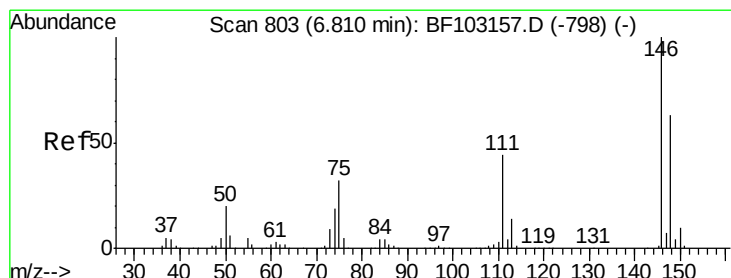
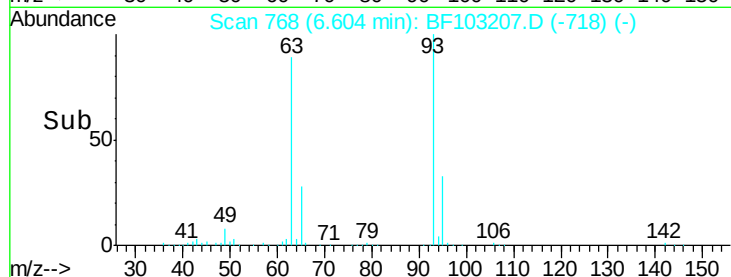
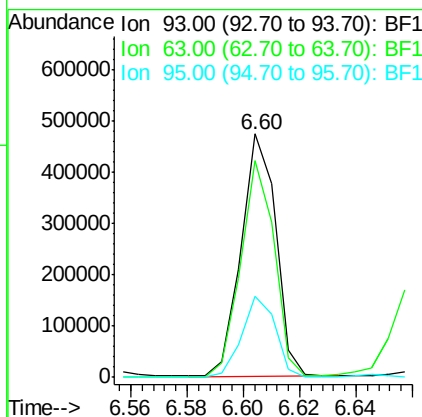
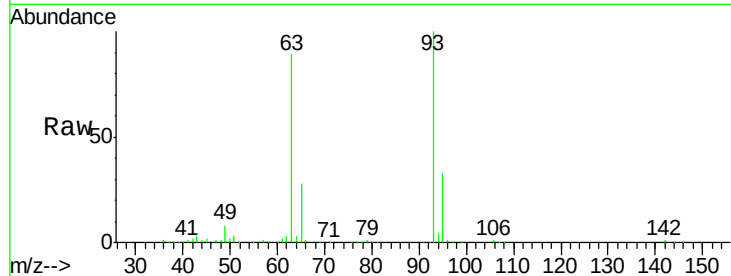
ClientSampleId :

PB106778BS

Tot Ion:	93	Resp:	404327
Ion Ratio	Lower	Upper	
93	100		
63	89.2	58.6	98.6
95	33.1	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 35.562 ng

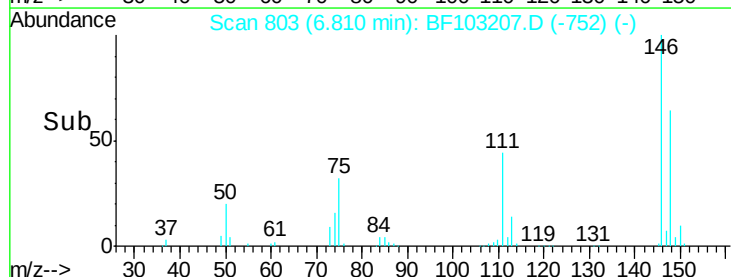
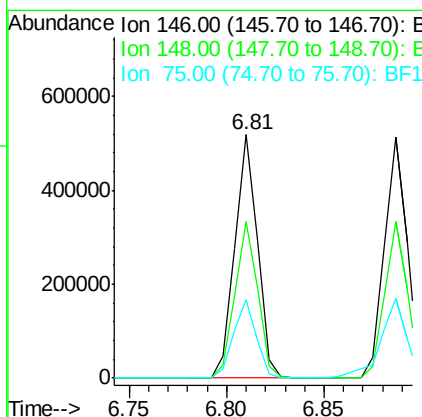
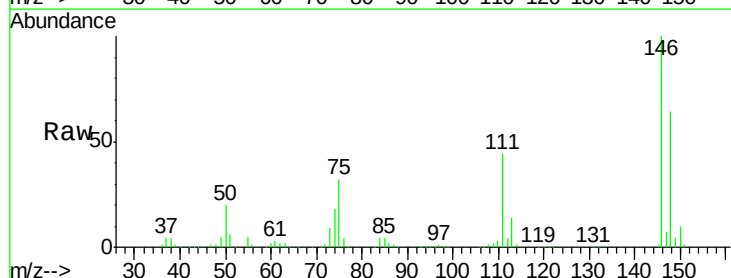
RT: 6.81 min Scan# 803

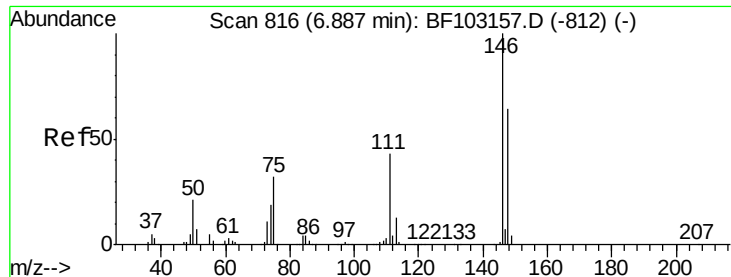
Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Tgt Ion:	146	Resp:	418109
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.8	77.8
75	32.0	24.2	36.4





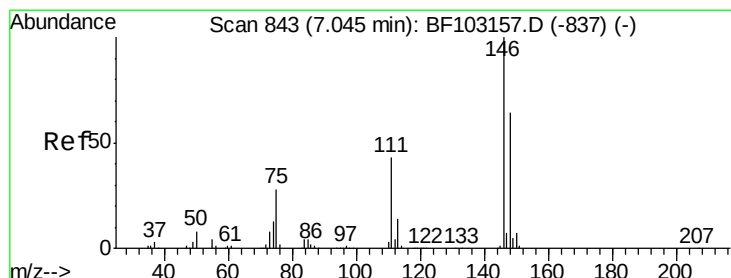
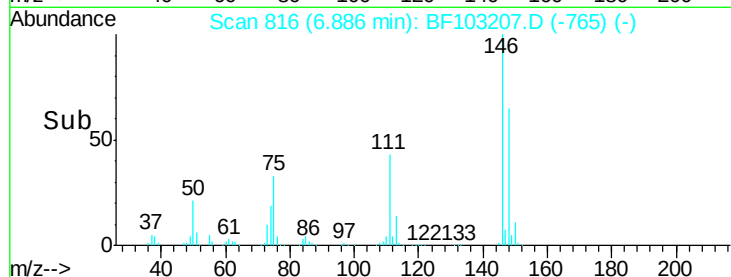
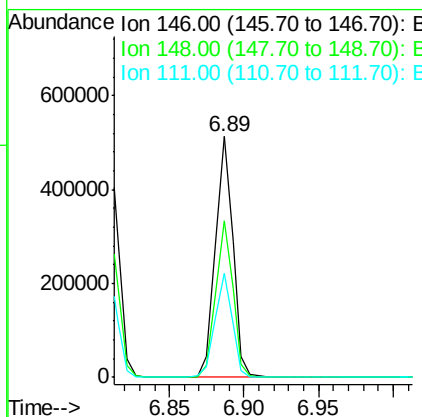
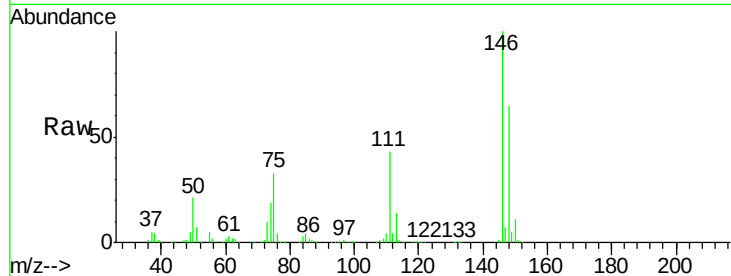
#13
 1,4-Dichlorobenzene
 Concen: 35.543 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106778BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
111	43.5	34.2	51.2

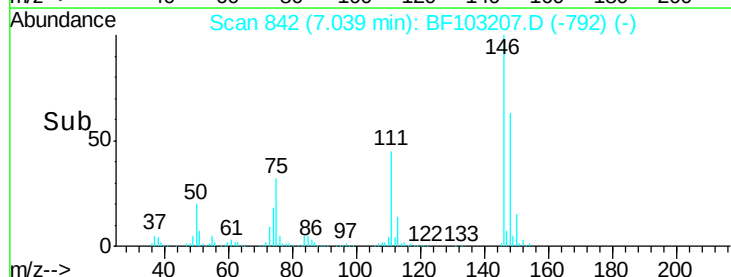
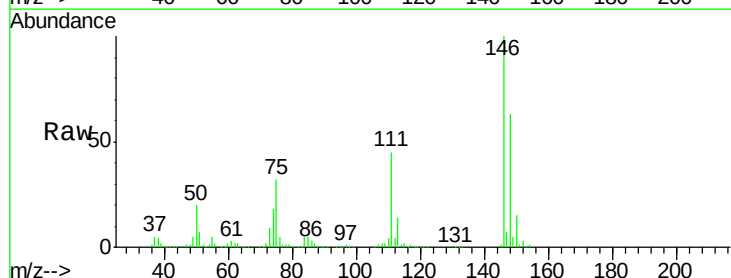
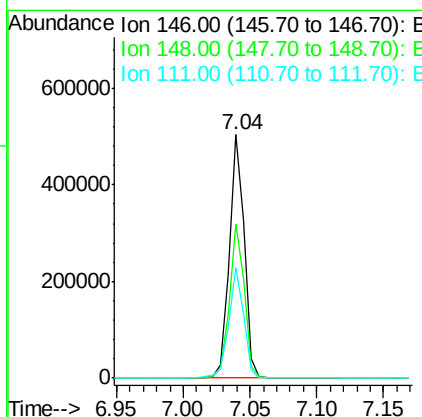
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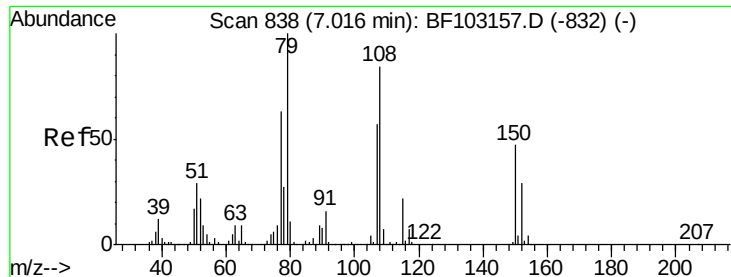
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#14
 1,2-Dichlorobenzene
 Concen: 36.486 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
111	45.2	36.0	54.0





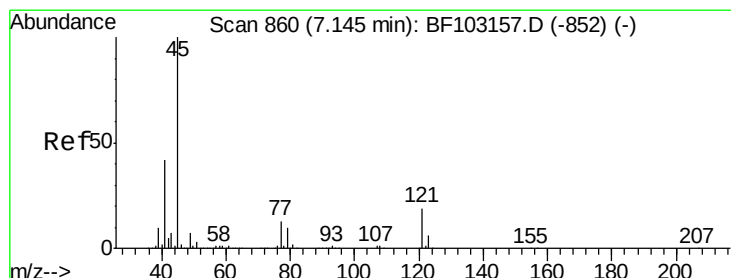
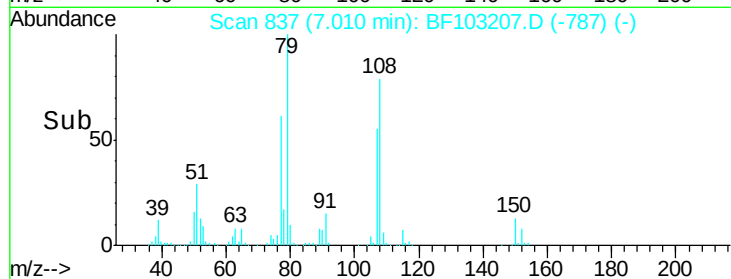
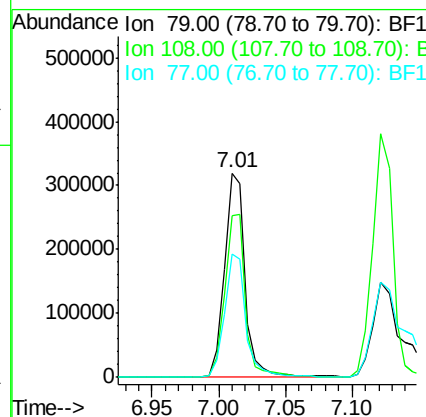
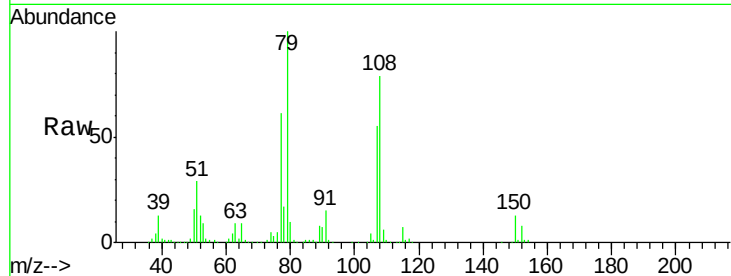
#15
Benzyl Alcohol
Concen: 38.387 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampled :
PB106778BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.2	65.1	97.7
77	60.6	50.6	75.8

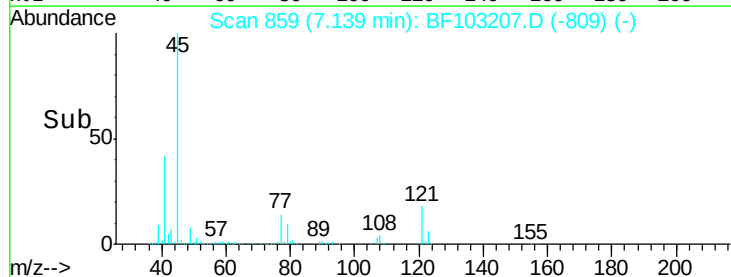
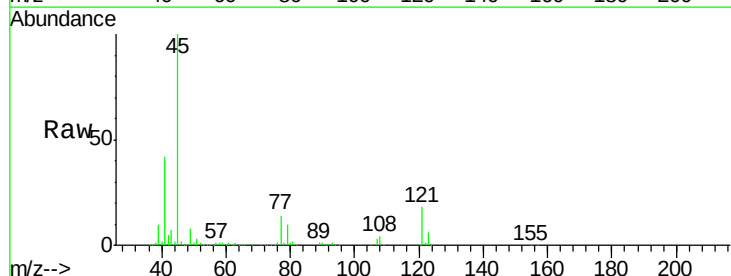
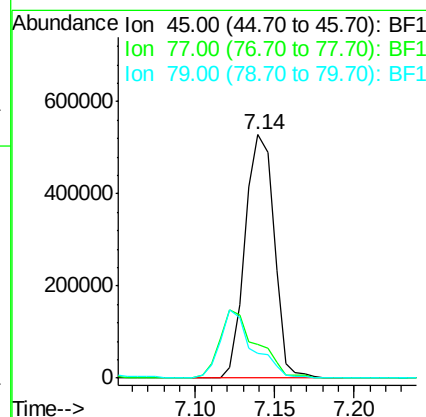
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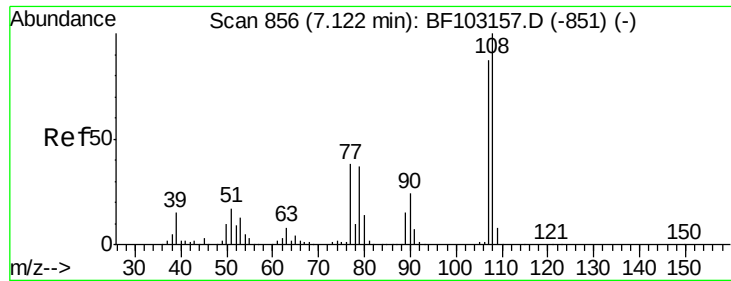
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.815 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	32.9
79	10.2	0.0	29.6





#17

2-Methylphenol

Concen: 37.303 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

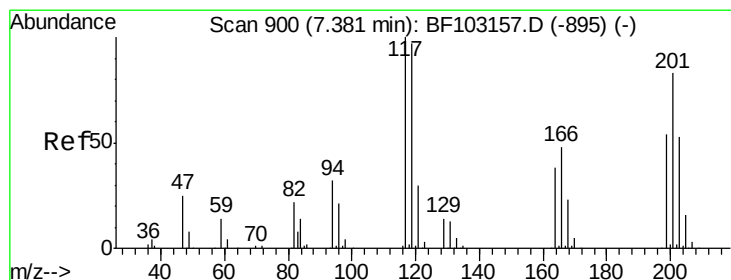
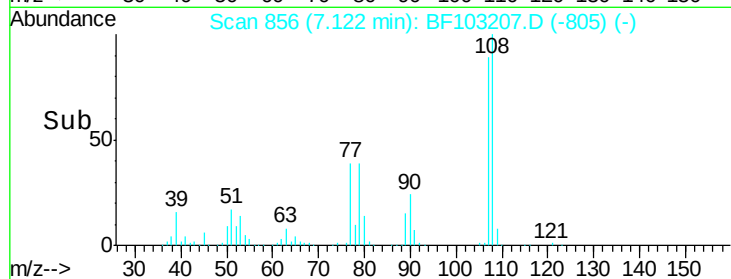
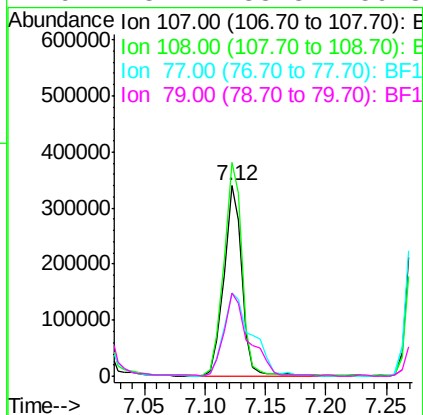
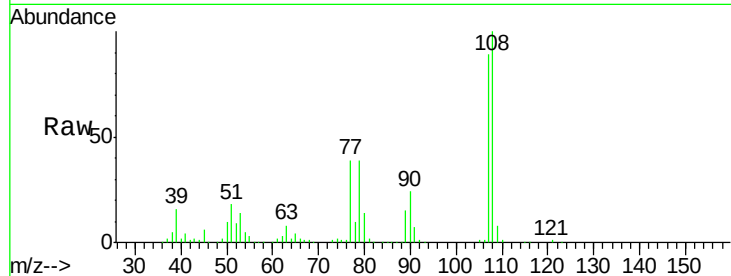
ClientSampleId :

PB106778BS

Tot Ion:	107	Resp:	348777
Ion Ratio	Lower	Upper	
107	100		
108	112.3	91.7	137.5
77	44.0	33.8	50.8
79	43.7	33.8	50.8

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#18

Hexachloroethane

Concen: 36.659 ng

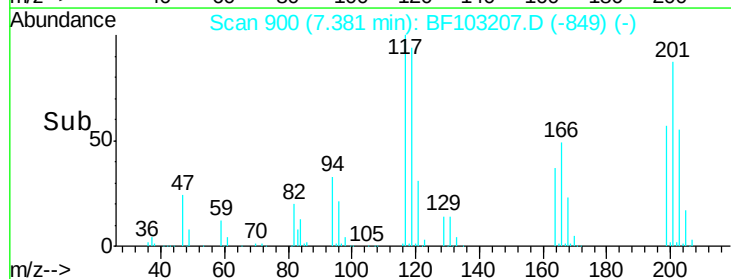
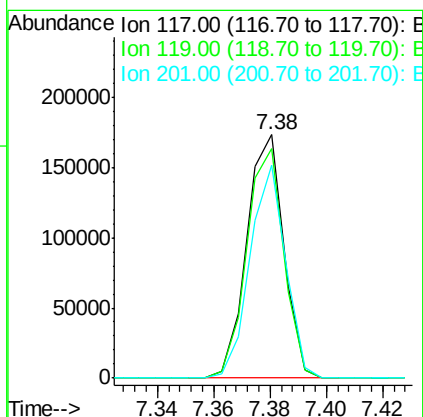
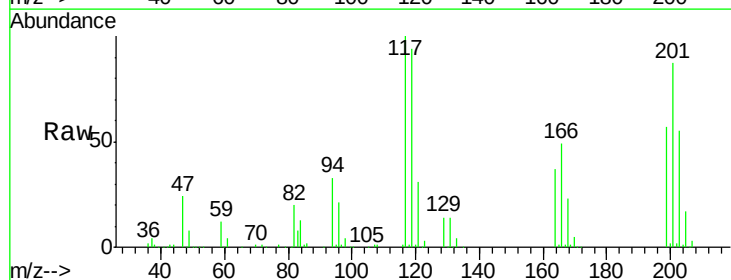
RT: 7.38 min Scan# 900

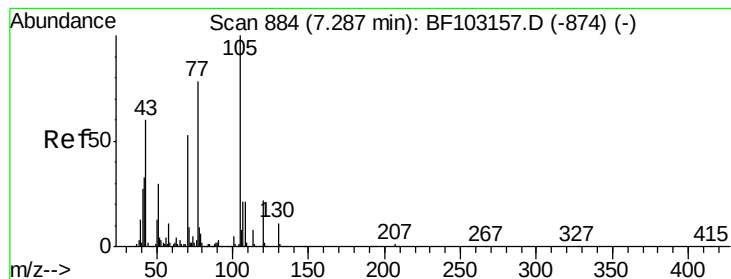
Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Tgt Ion:	117	Resp:	157309
Ion Ratio	Lower	Upper	
117	100		
119	94.3	75.8	113.8
201	87.3	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 35.586 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

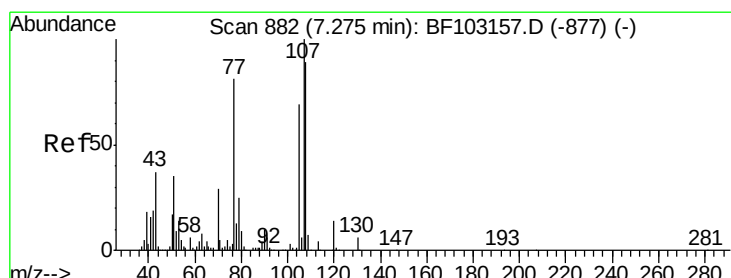
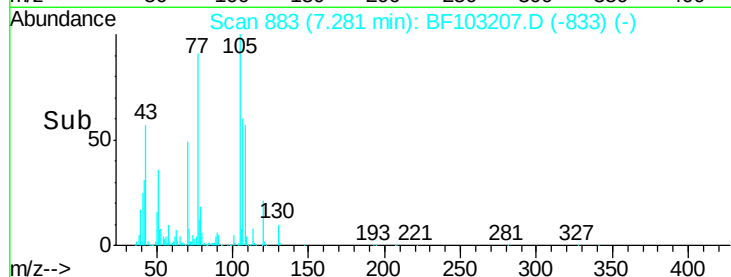
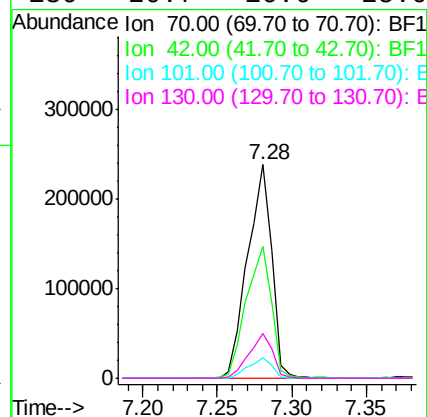
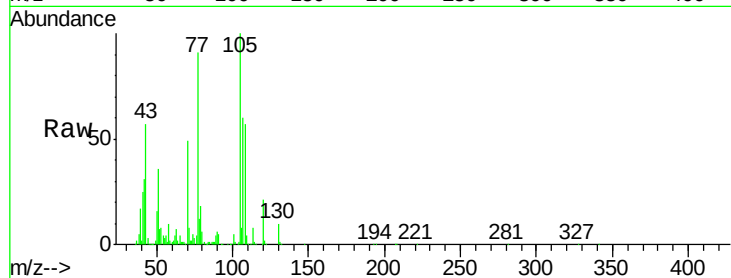
ClientSampleId :

PB106778BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.9	47.5	71.3
101	9.3	7.4	11.2
130	20.7	16.6	25.0

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#20

3+4-Methylphenols

Concen: 34.506 ng

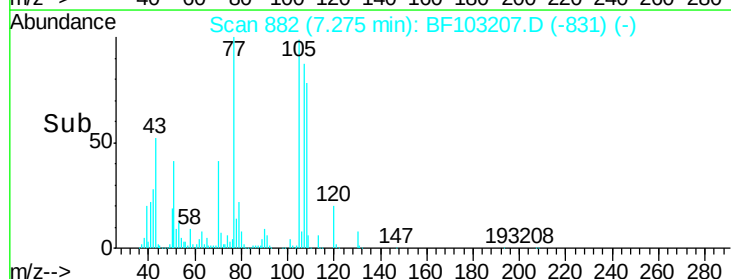
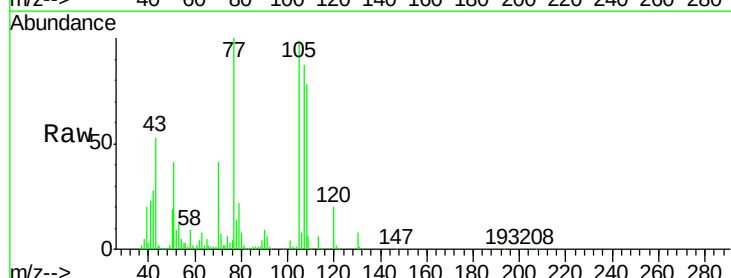
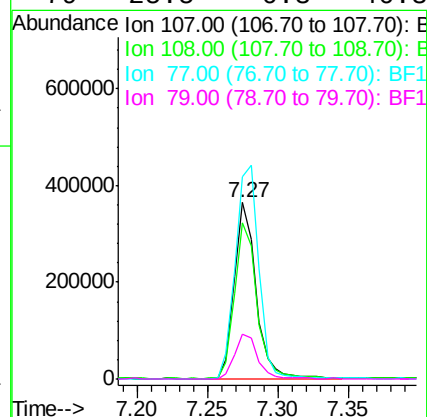
RT: 7.27 min Scan# 882

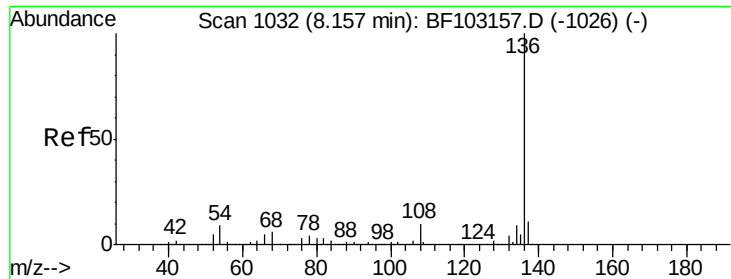
Delta R.T. 0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.2	108.2
77	114.3	26.7	66.7#
79	25.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

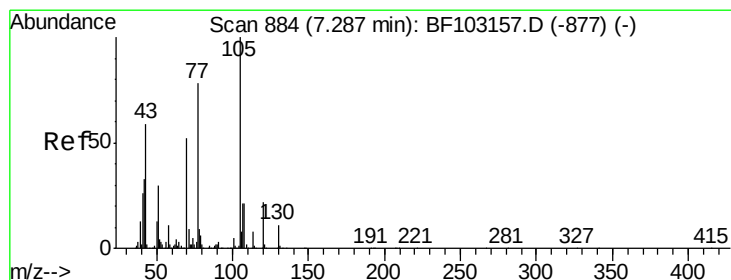
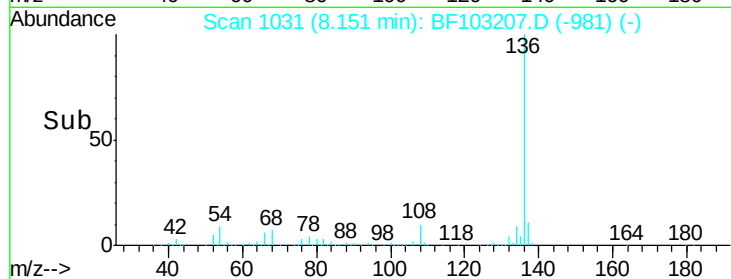
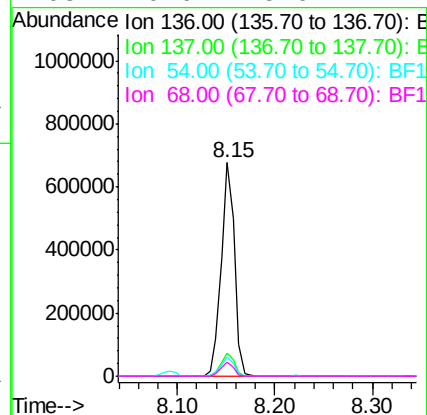
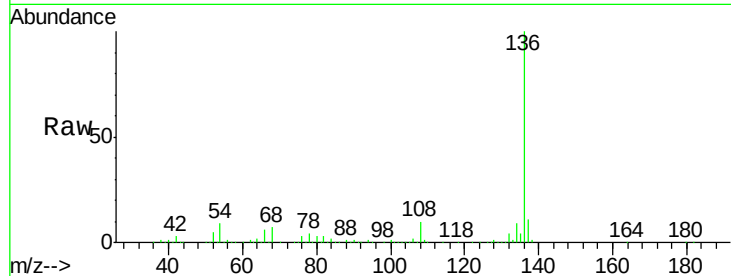
ClientSampled :

PB106778BS

Tot Ion	136	Resp	640279
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	9.2	6.6	9.8
68	6.6	5.0	7.4

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#22

Acetophenone

Concen: 35.428 ng

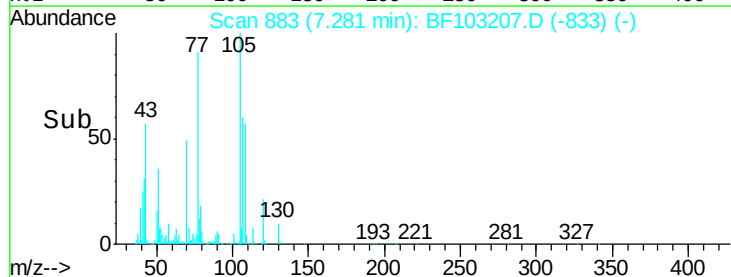
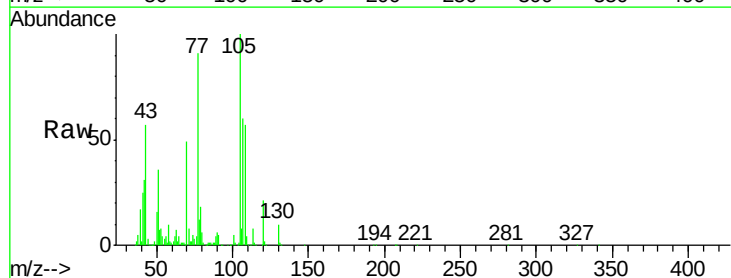
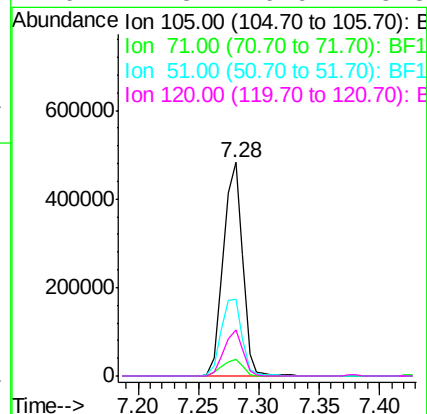
RT: 7.28 min Scan# 883

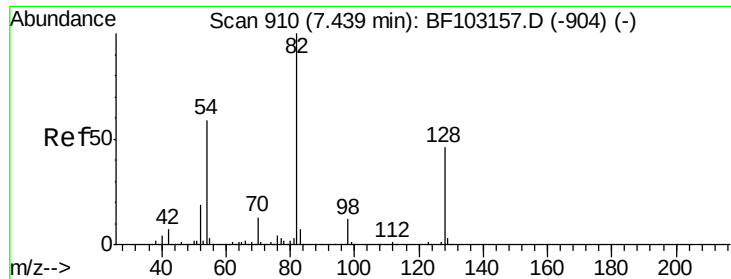
Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Tgt Ion	105	Resp	529474
Ion Ratio	Lower	Upper	
105	100		
71	7.7	4.4	6.6#
51	35.8	22.3	33.5#
120	21.3	16.9	25.3





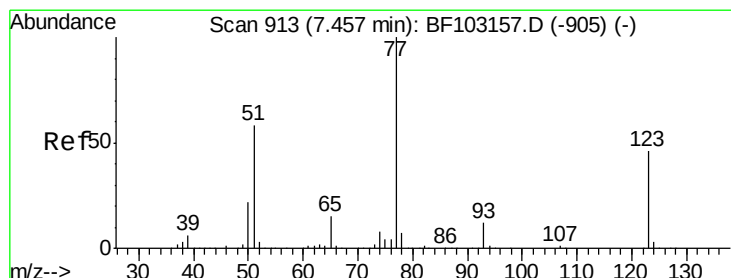
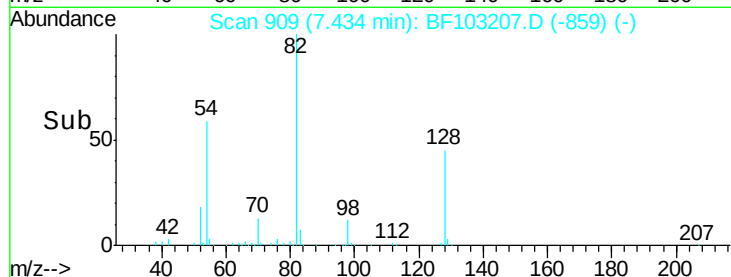
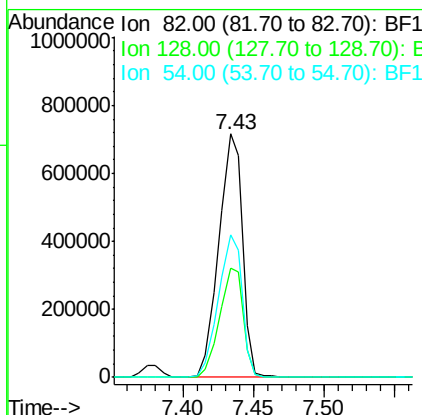
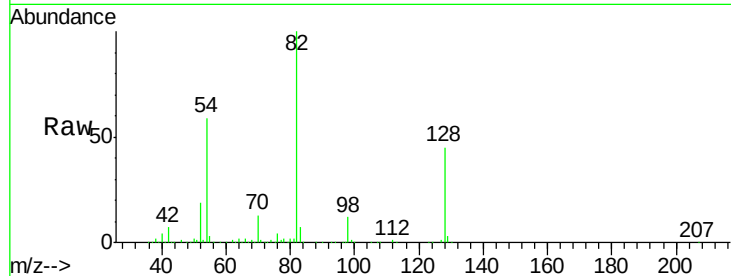
#23
 Nitrobenzene-d5
 Concen: 74.568 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106778BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	58.8	41.4	62.2

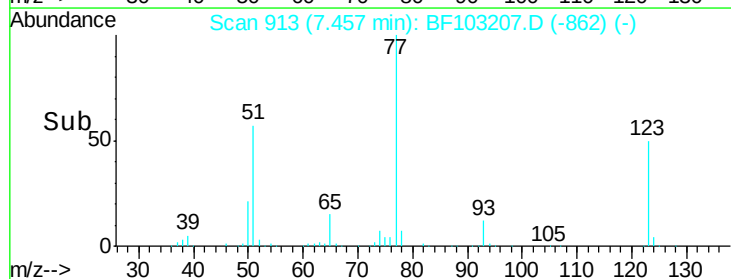
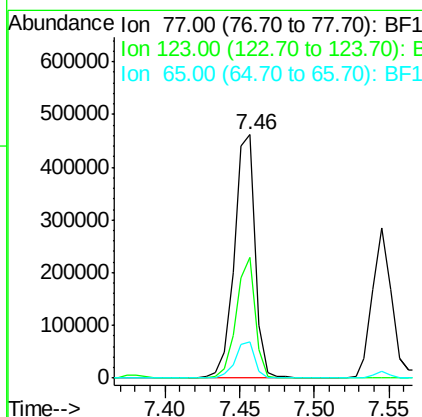
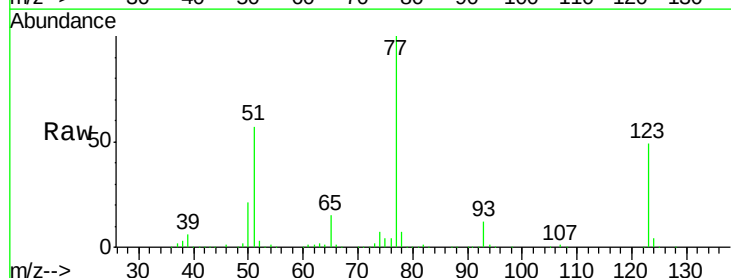
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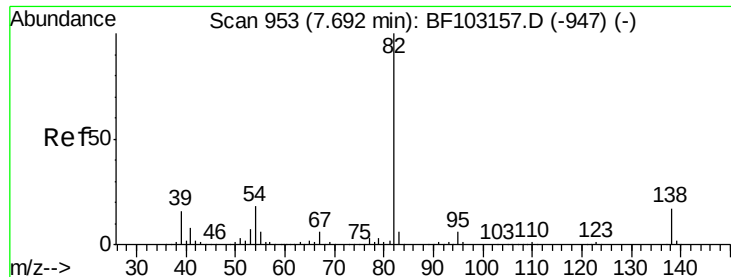
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#24
 Nitrobenzene
 Concen: 36.424 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	37.9	56.9
65	14.8	11.0	16.4





#25

Isophorone

Concen: 37.790 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

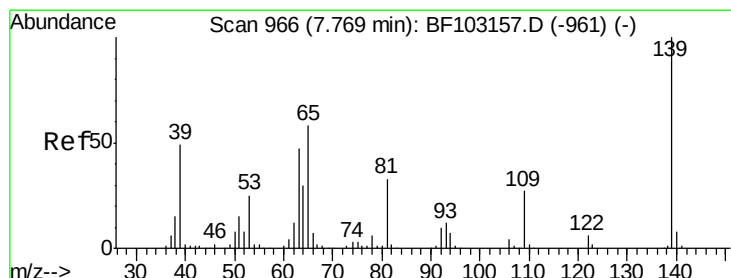
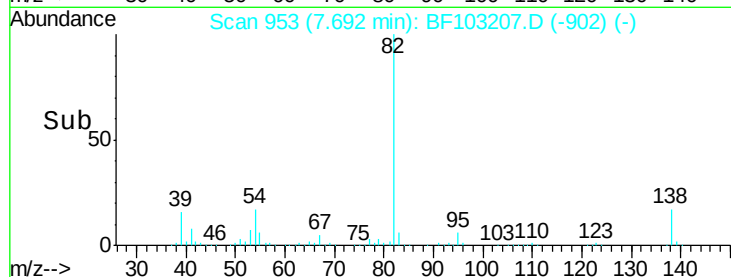
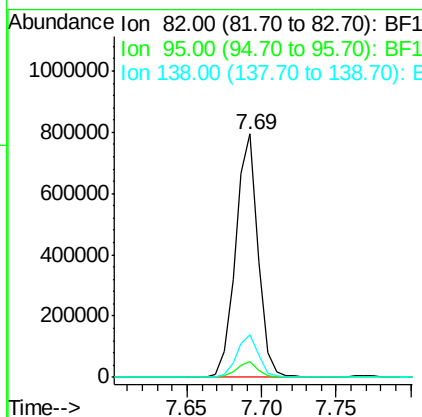
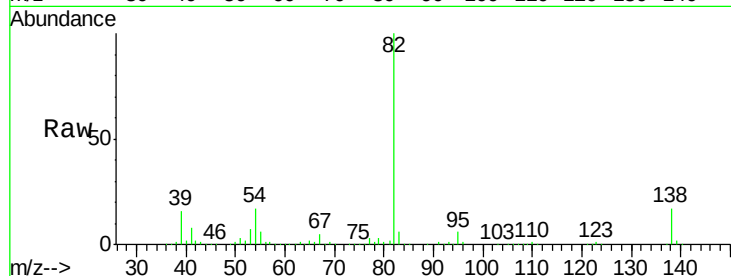
ClientSampleId :

PB106778BS

Tot Ion:	82	Resp:	834446
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.2	7.8
138	17.3	14.9	22.3

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#26

2-Nitrophenol

Concen: 38.894 ng

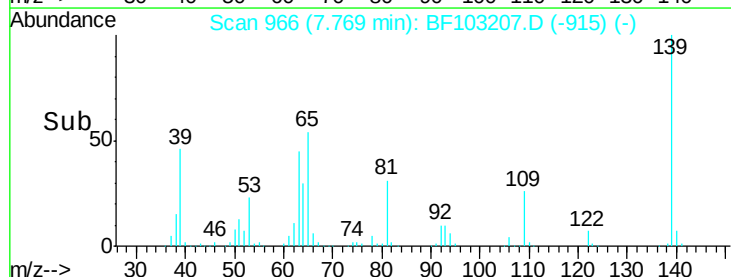
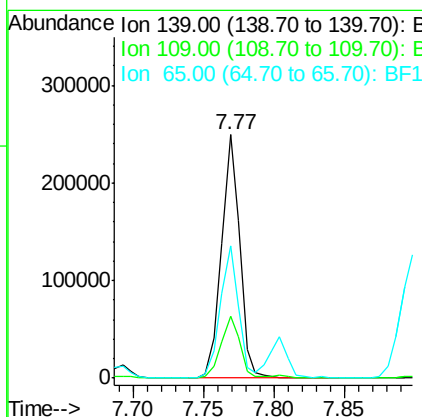
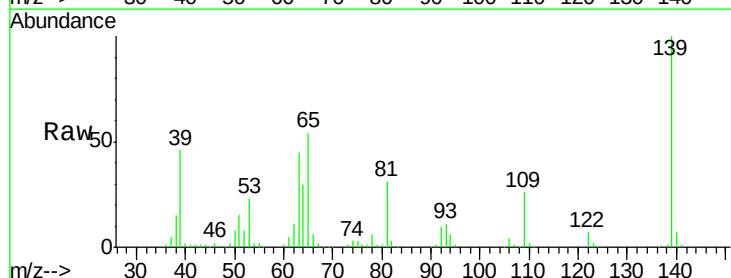
RT: 7.77 min Scan# 966

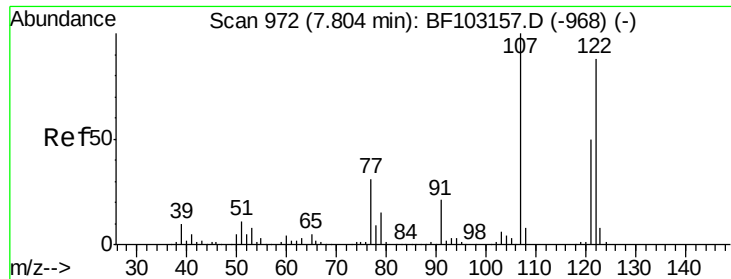
Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Tgt Ion:	139	Resp:	226019
Ion Ratio	Lower	Upper	
139	100		
109	25.6	22.7	34.1
65	54.4	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 41.578 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

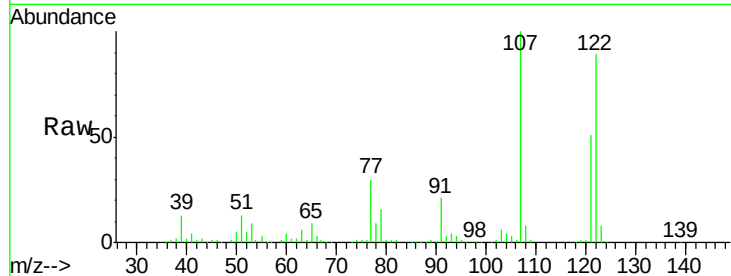
ClientSampleId :

PB106778BS

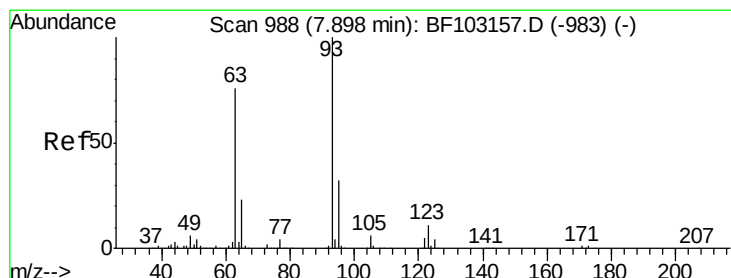
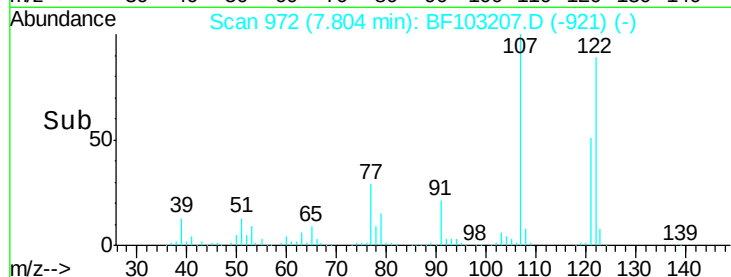
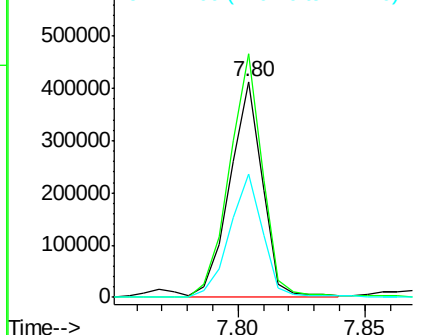
Tot Ion:	122	Resp:	369316
Ion Ratio	Lower	Upper	
122	100		
107	112.9	91.2	136.8
121	57.3	47.2	70.8

Manual Integrations
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.217 ng

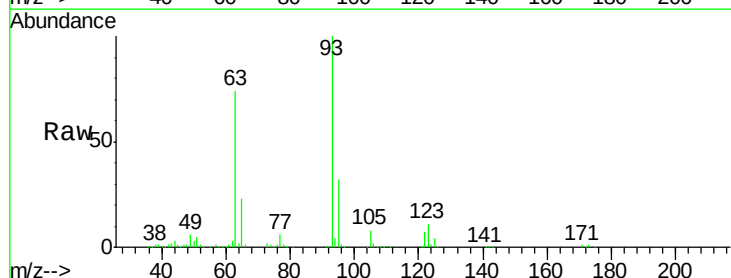
RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

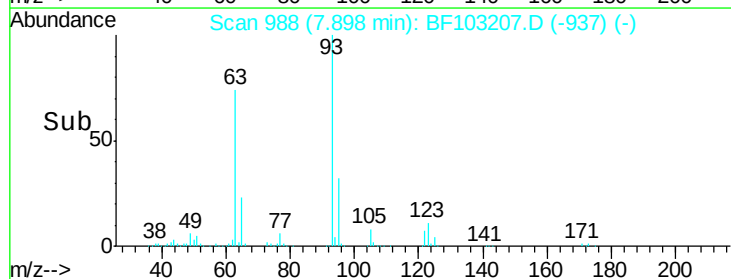
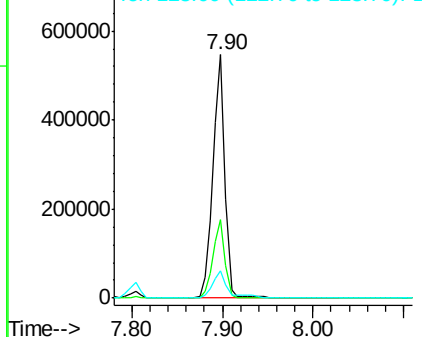
Lab File: BF103207.D

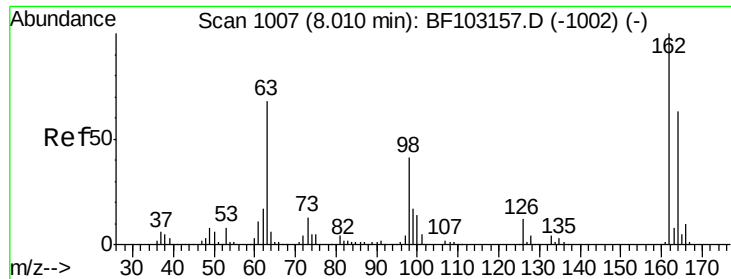
Acq: 26 Feb 2018 10:08

Tgt Ion:	93	Resp:	509133
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.3	39.5
123	11.4	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





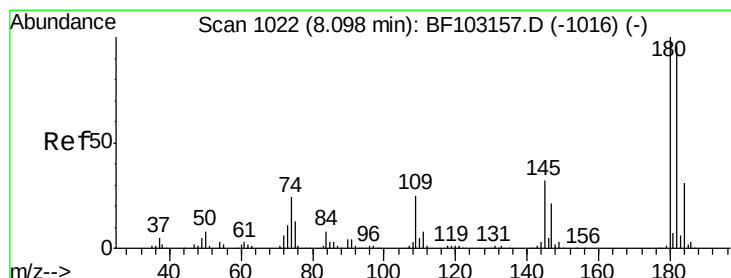
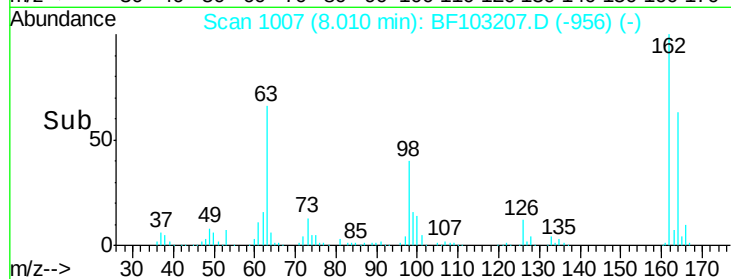
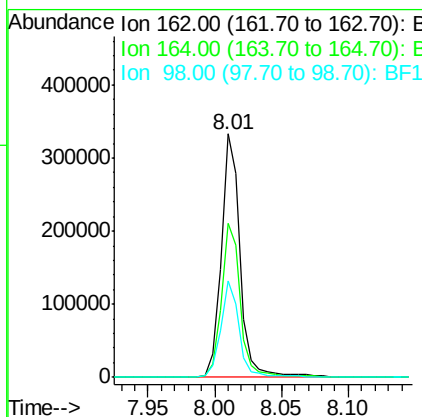
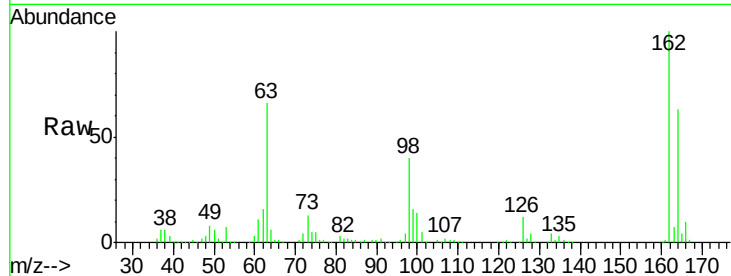
#29
 2,4-Dichlorophenol
 Concen: 39.268 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106778BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	333940		
164	63.3	42.7	82.7	
98	39.7	18.1	58.1	

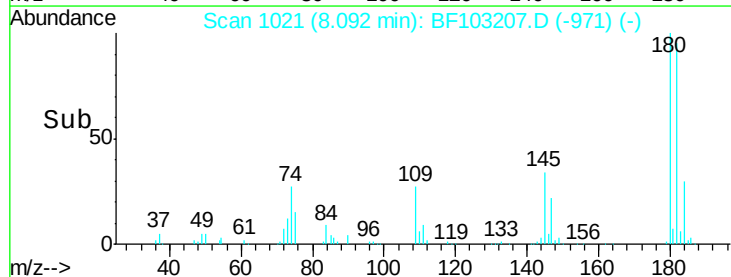
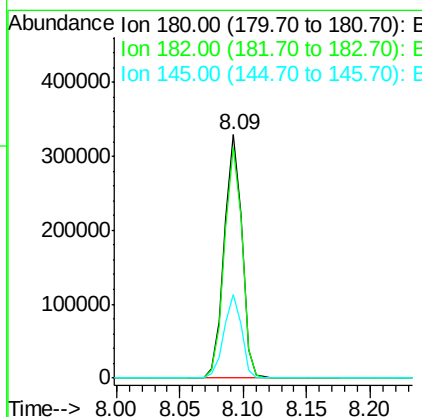
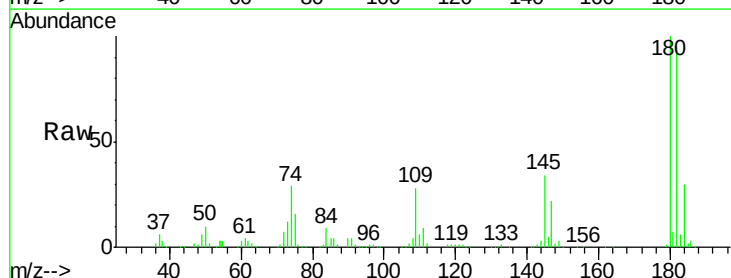
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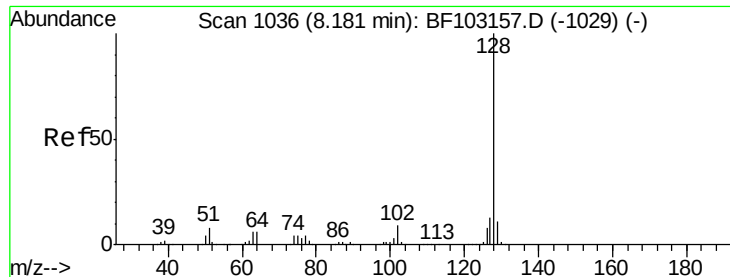
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.380 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	320401		
182	95.0	76.8	115.2	
145	34.2	26.5	39.7	





#31

Naphthalene

Concen: 36.665 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

PB106778BS

Tot Ion:128 Resp: 1149330

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

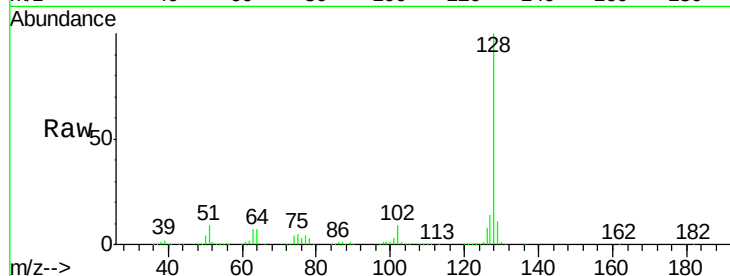
127 13.9 10.9 16.3

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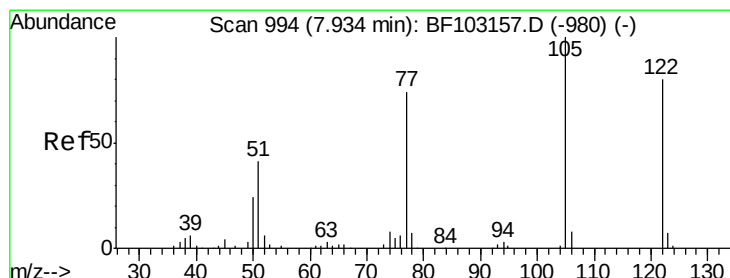
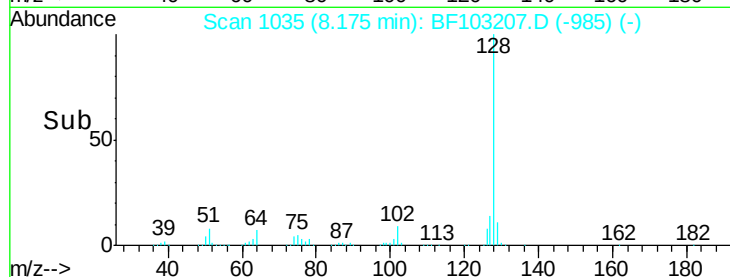
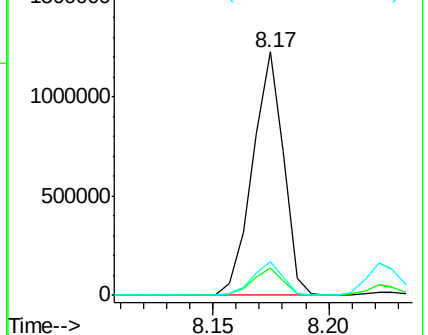
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.219 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

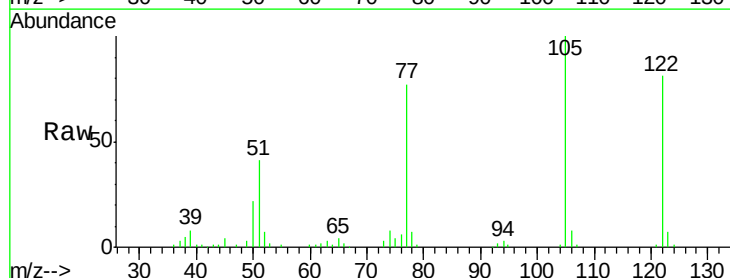
Tgt Ion:122 Resp: 241014

Ion Ratio Lower Upper

122 100

105 123.9 101.1 141.1

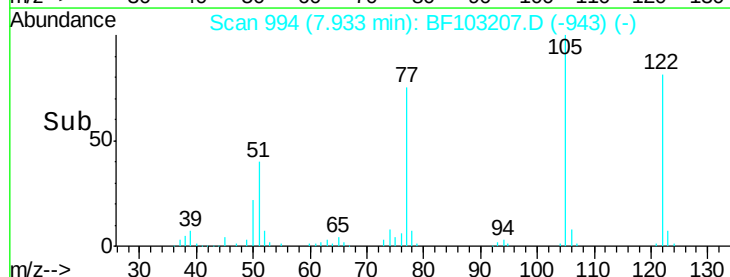
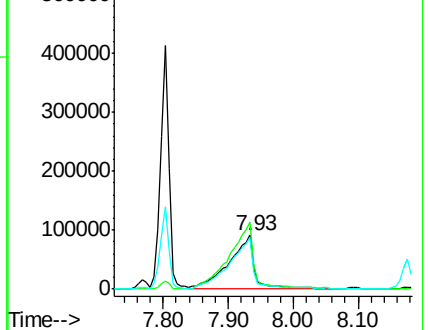
77 94.8 70.7 110.7

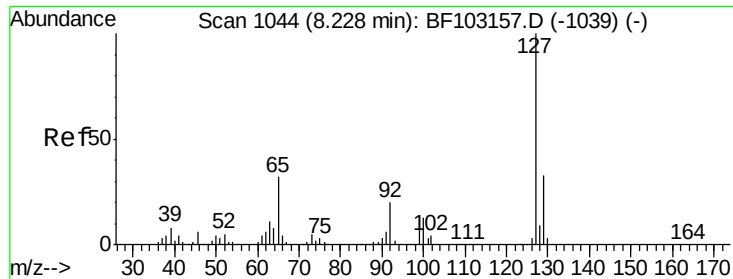


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





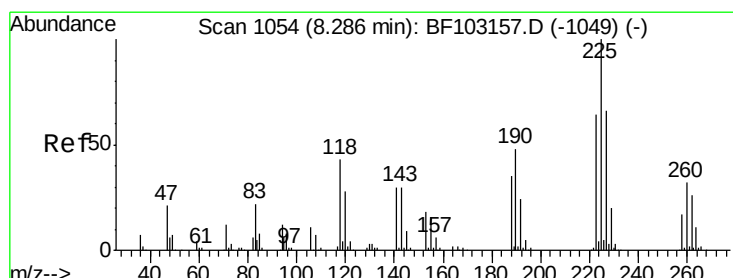
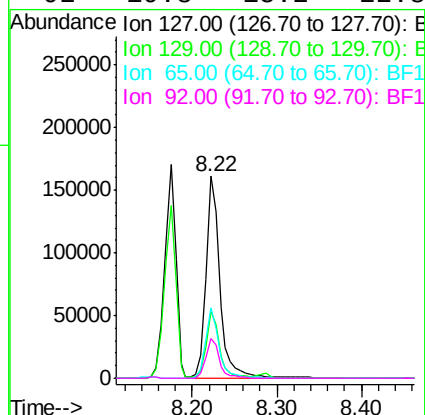
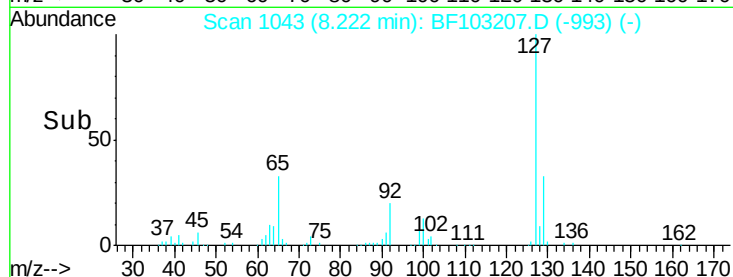
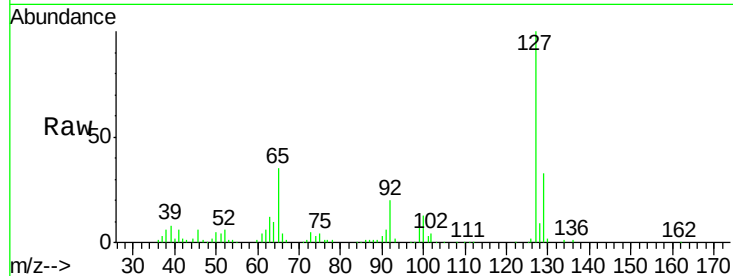
#33
4-Chloroaniline
Concen: 13.635 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampled :
PB106778BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	25.9	38.9		
65	34.8	25.0	37.4		
92	19.8	15.2	22.8		

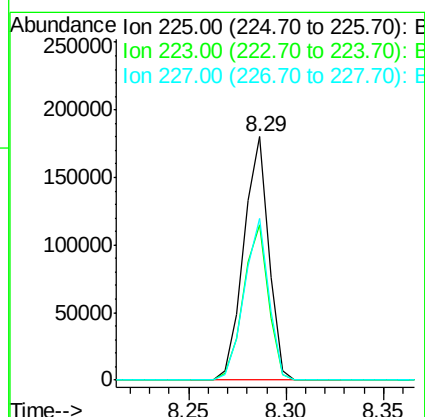
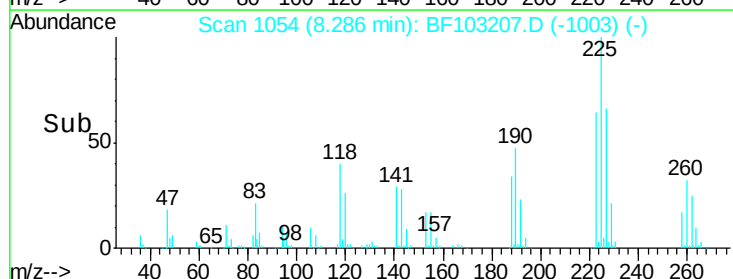
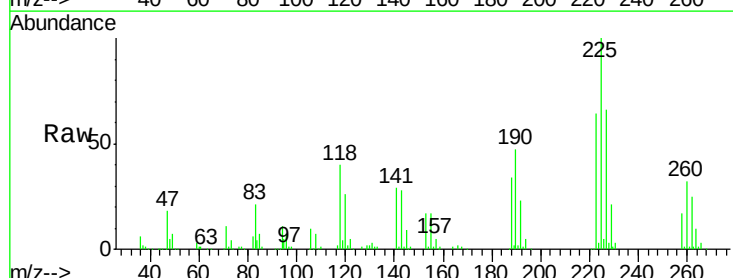
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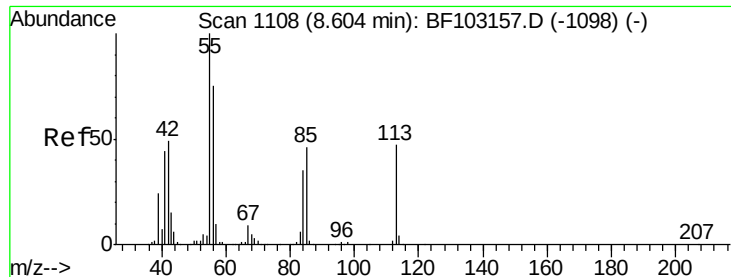
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#34
Hexachlorobutadiene
Concen: 33.998 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	50.6	76.0		
227	66.2	51.9	77.9		





#35

Caprolactam

Concen: 41.962 ng/ml

RT: 8.59 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleID :

PB106778BS

Tot Ion: 113 Resp: 125418

Ion Ratio Lower Upper

113 100

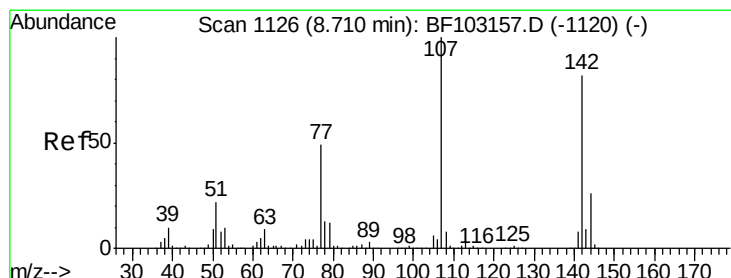
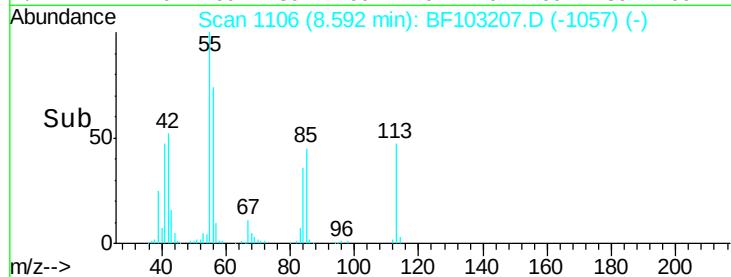
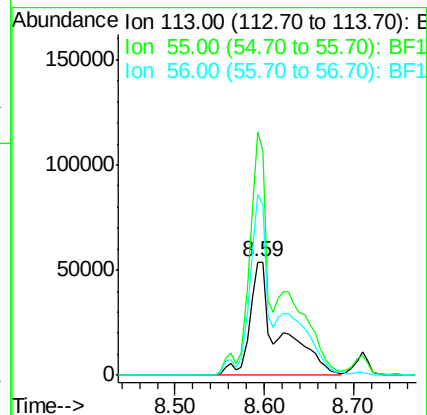
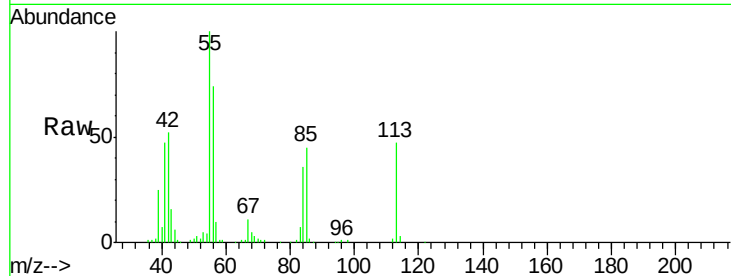
55 214.2 163.3 203.3#

56 159.3 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 39.220 ng/ml

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

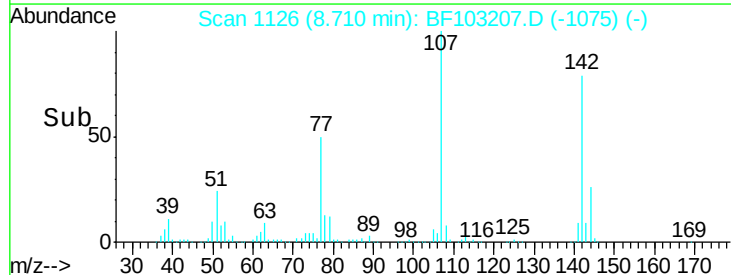
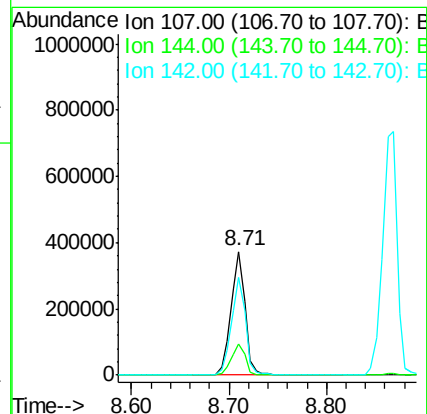
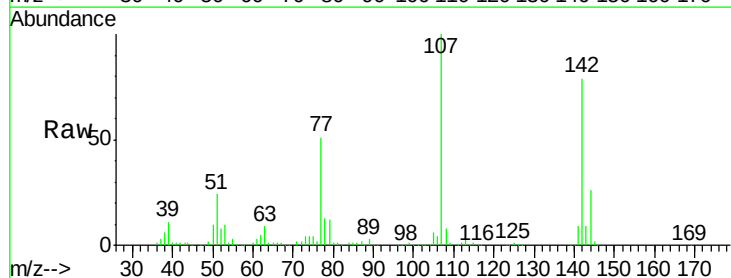
Tgt Ion: 107 Resp: 376201

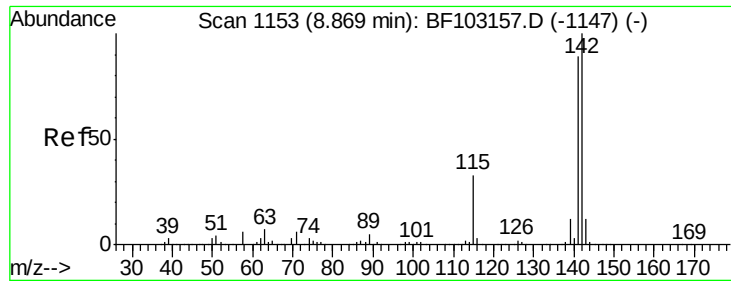
Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

142 79.4 62.0 93.0





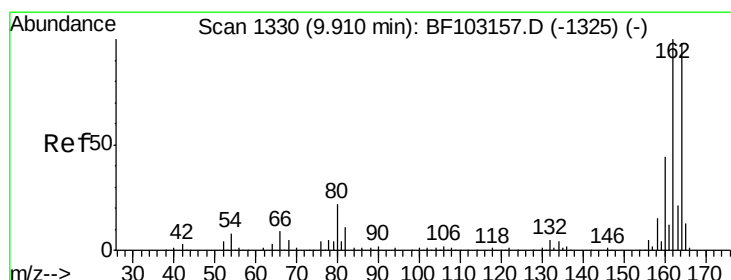
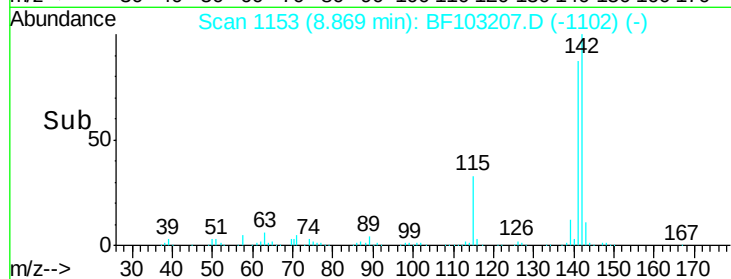
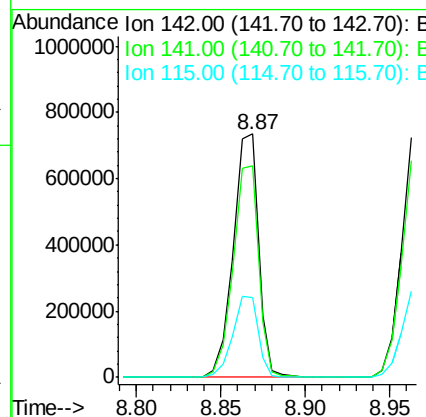
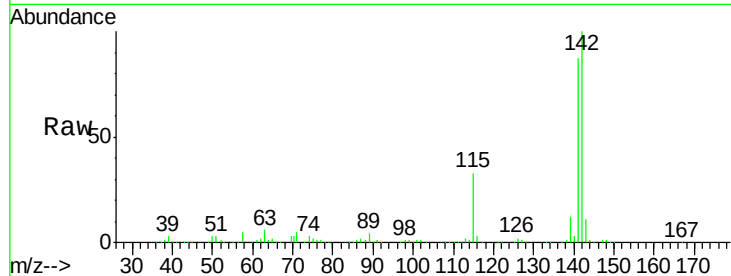
#37
2-Methylnaphthalene
Concen: 37.797 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampleId :
PB106778BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.8	106.2
115	32.8	26.1	39.1

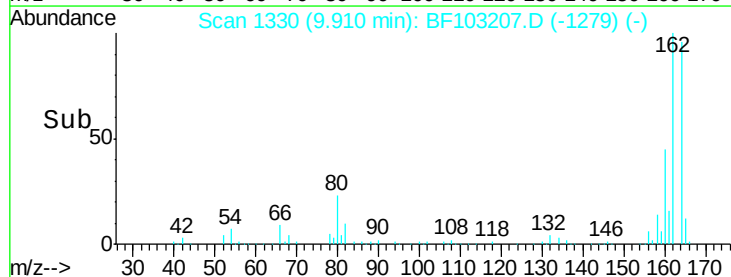
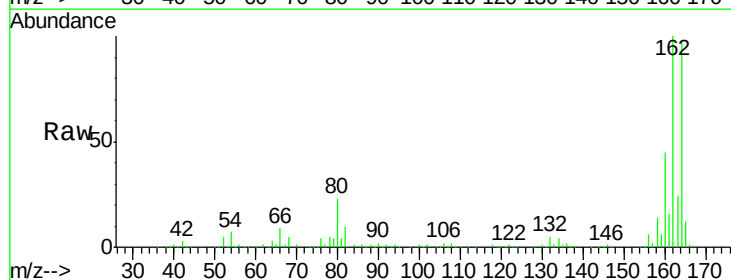
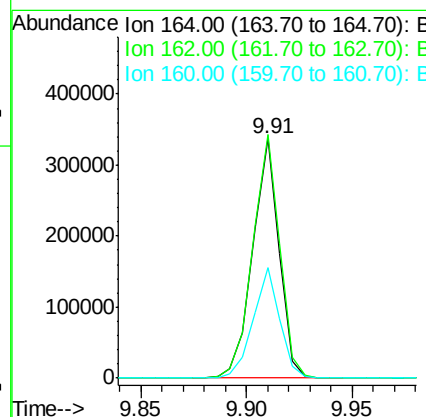
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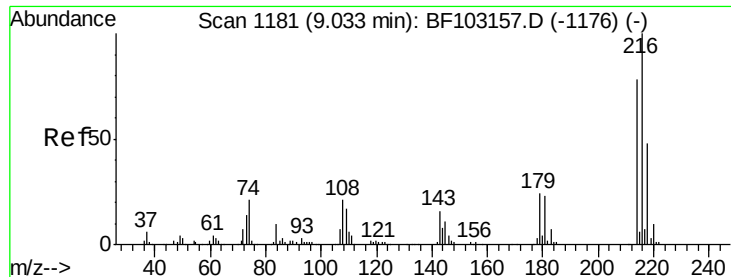
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	46.0	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.261 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

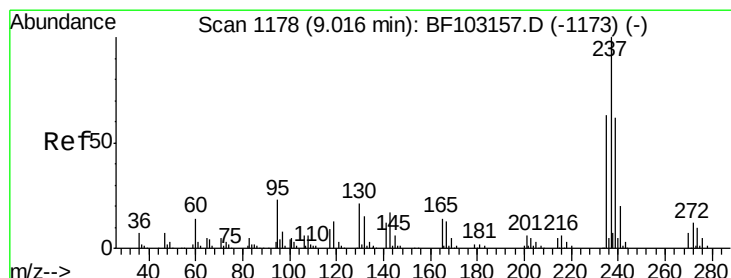
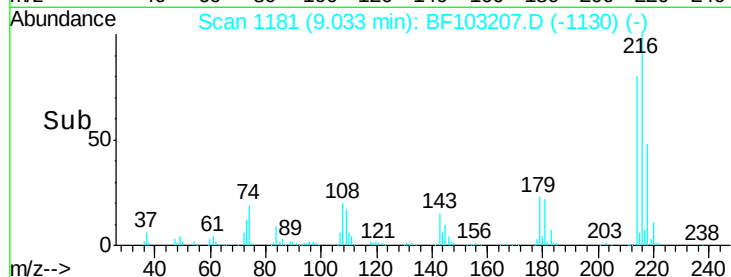
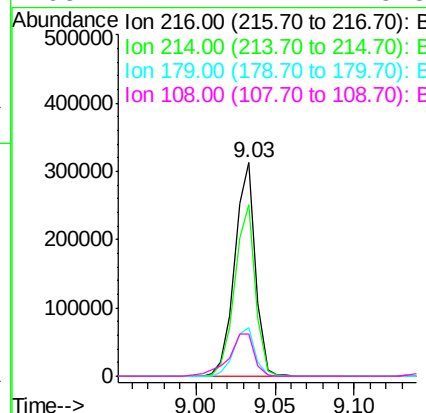
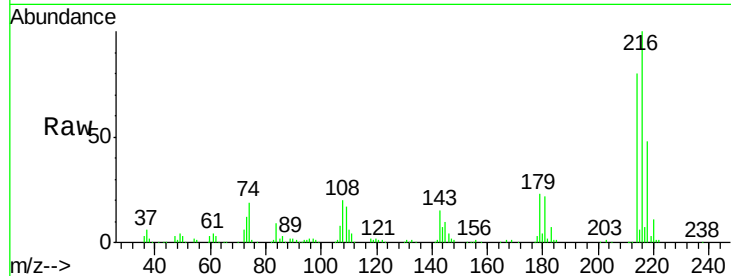
ClientSampleId :

PB106778BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	282917		
214	79.8	63.0	94.4	
179	23.1	18.1	27.1	
108	24.7	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 70.796 ng

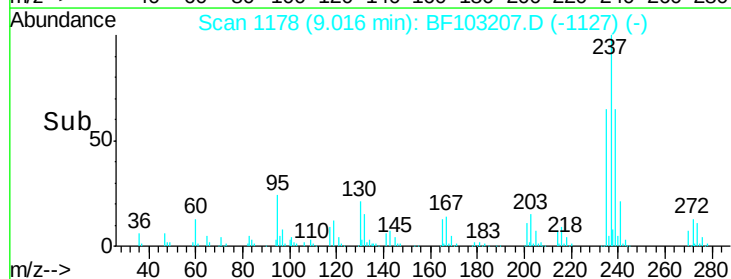
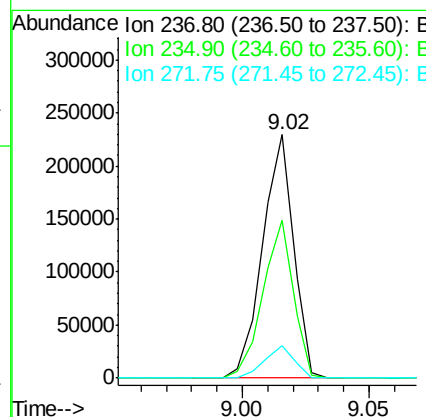
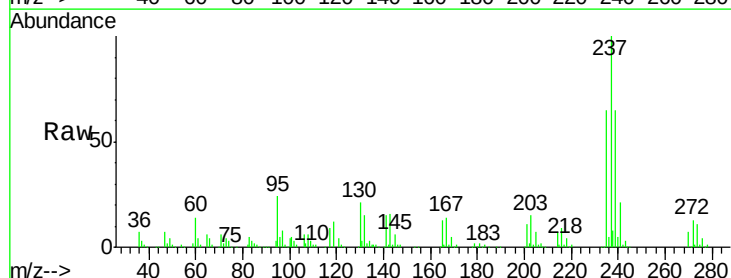
RT: 9.02 min Scan# 1178

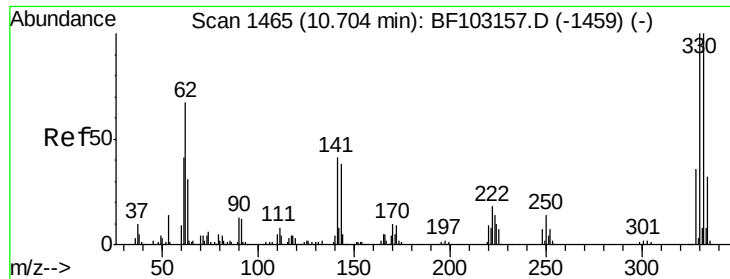
Delta R.T. 0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	196967		
235	64.7	44.8	84.8	
272	13.3	0.0	33.3	





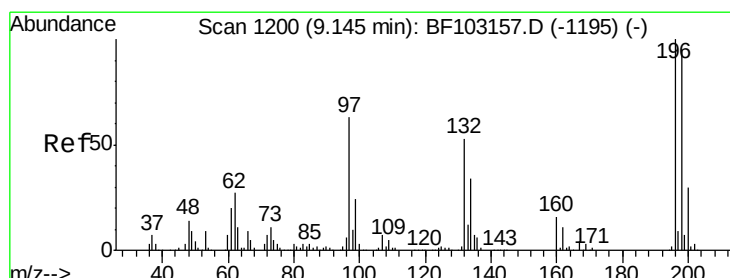
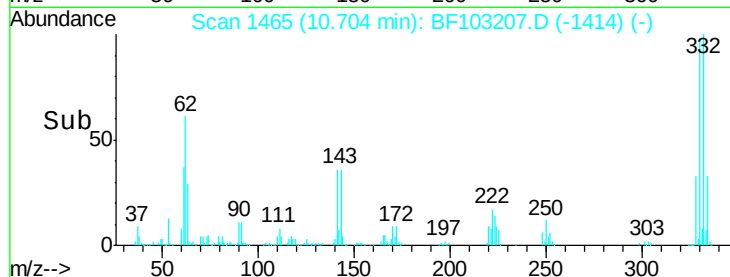
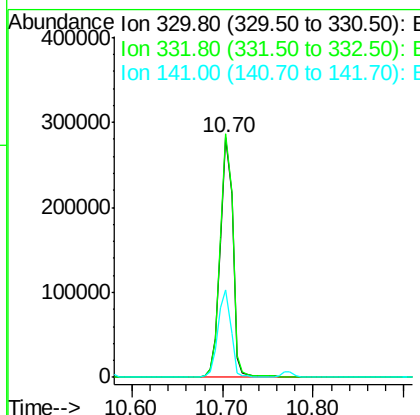
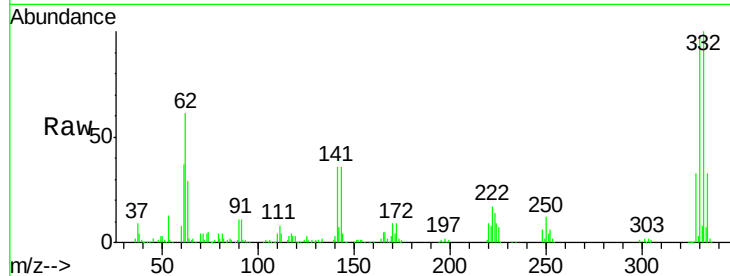
#41
 2,4,6-Tribromophenol
 Concen: 108.250 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106778BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	268917		
332	102.0	77.0	115.6	
141	38.1	29.9	44.9	

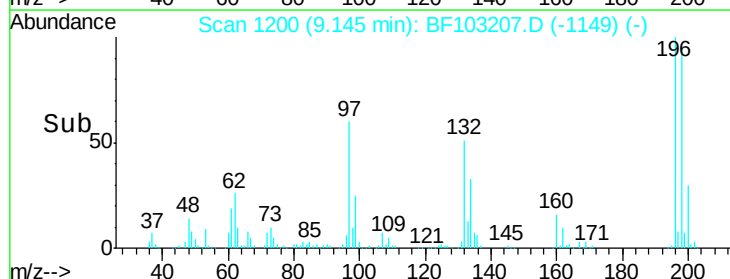
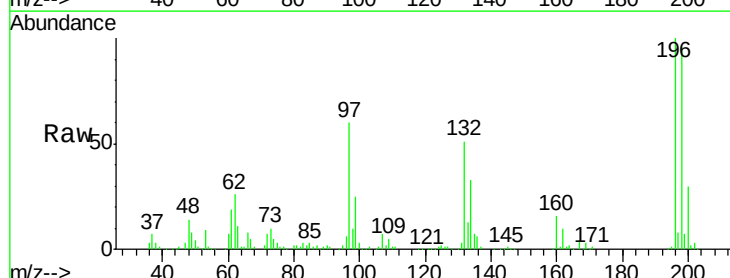
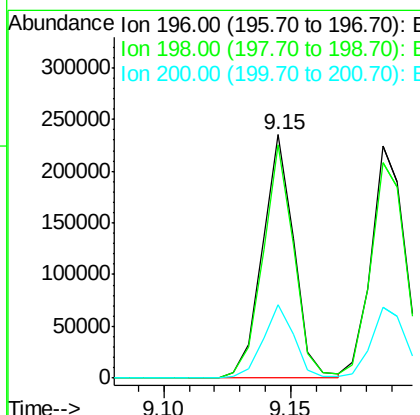
Manual Integrations
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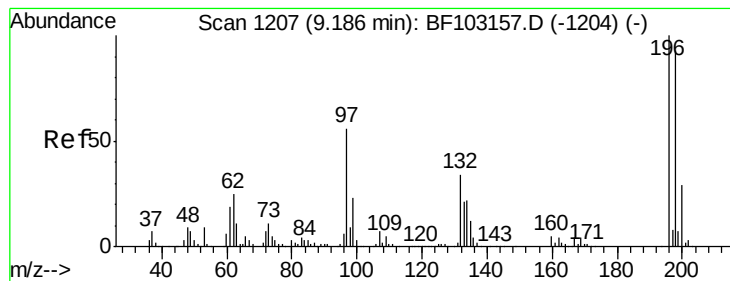
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 37.949 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	204879		
198	95.6	75.7	113.5	
200	30.3	24.5	36.7	





#43

2,4,5-Trichlorophenol

Concen: 35.372 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

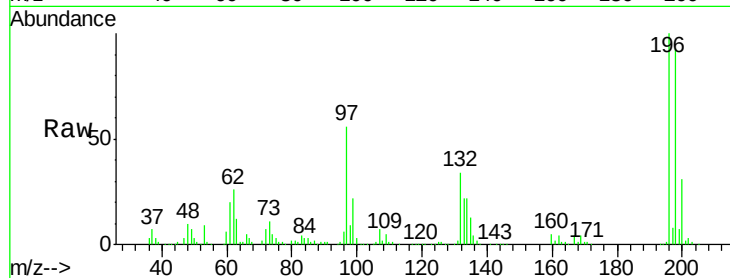
ClientSampleId :

PB106778BS

Tot Ion:	196	Resp:	219640
Ion Ratio	Lower	Upper	
196	100		
198	92.8	74.6	112.0
97	55.8	42.9	64.3
132	34.4	26.3	39.5

Manual Integrations
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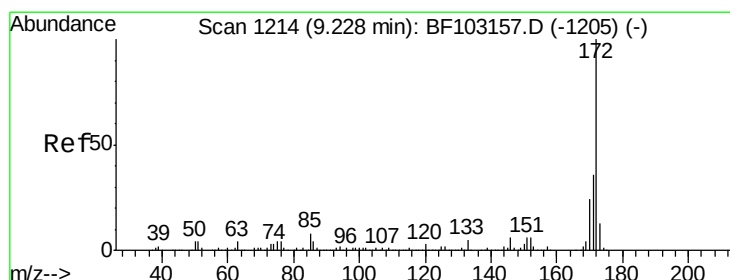
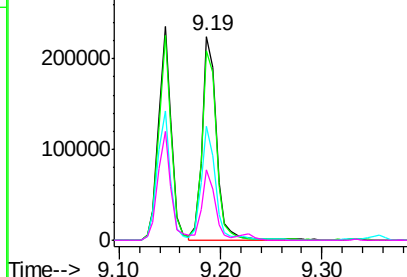
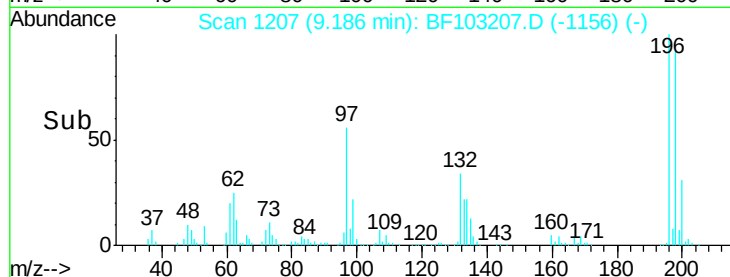


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 75.022 ng

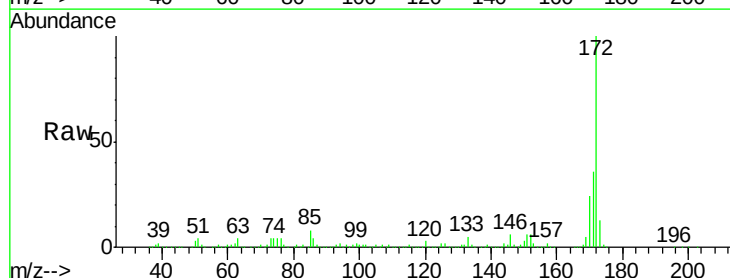
RT: 9.23 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

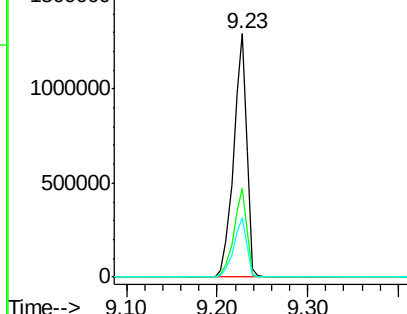
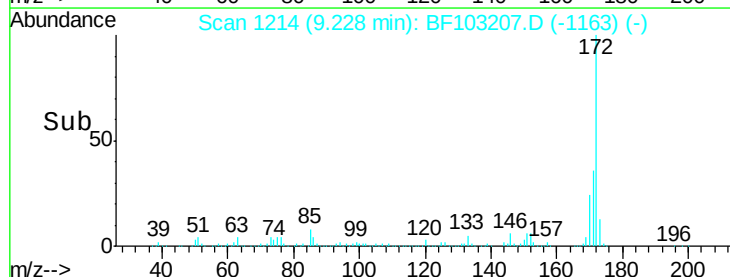
Tgt Ion:	172	Resp:	1314677
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	24.1	19.6	29.4

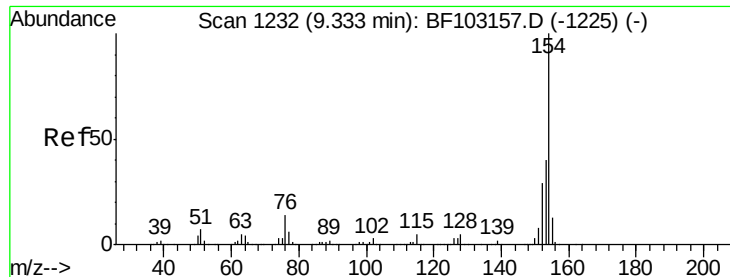


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.434 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

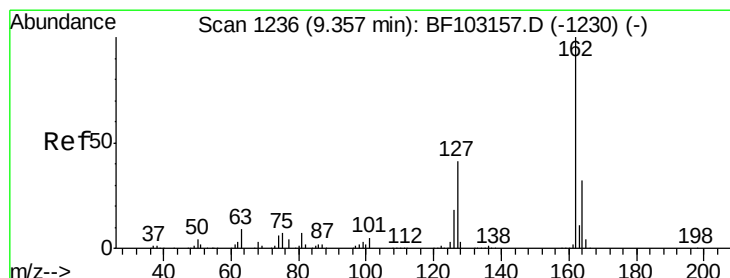
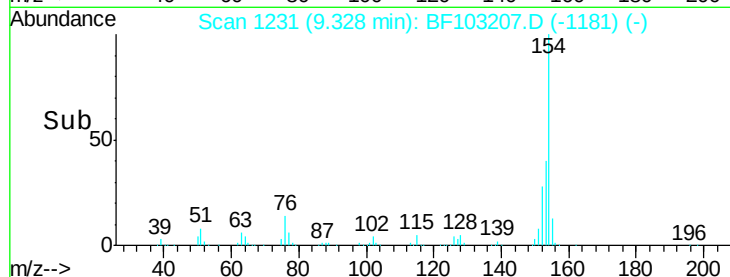
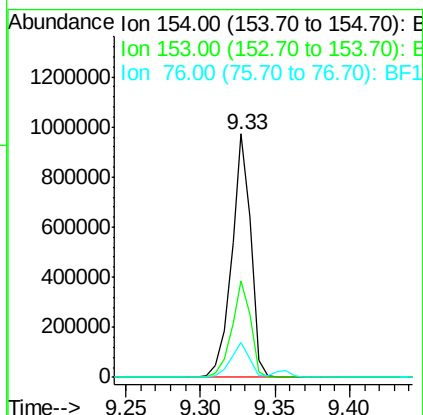
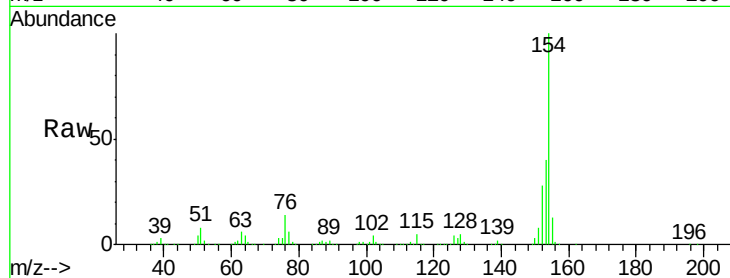
ClientSampleId :

PB106778BS

Tot Ion:	154	Resp:	871423
Ion Ratio	Lower	Upper	
154	100		
153	39.7	21.3	61.3
76	14.5	0.0	34.0

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 35.453 ng

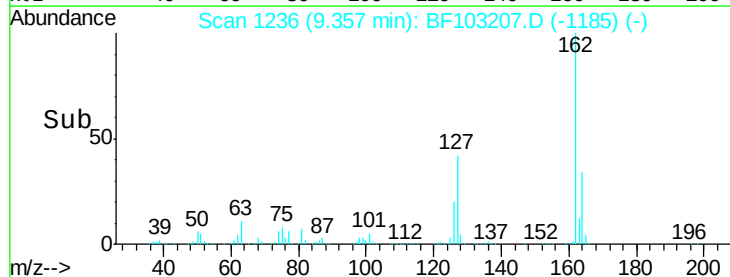
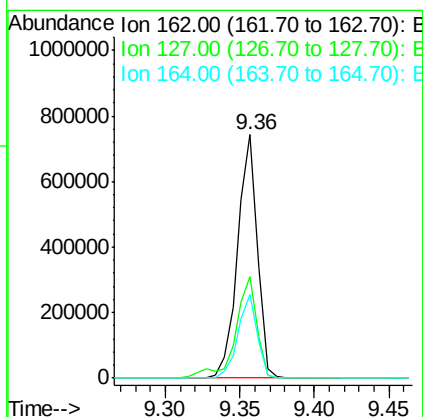
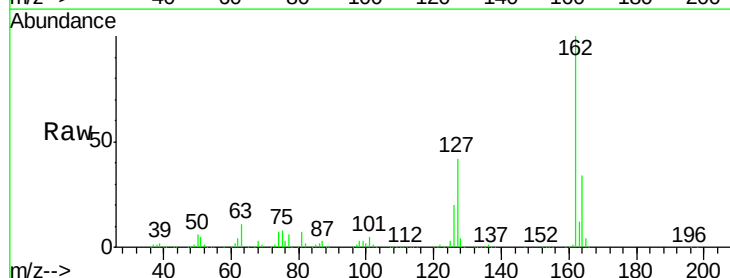
RT: 9.36 min Scan# 1236

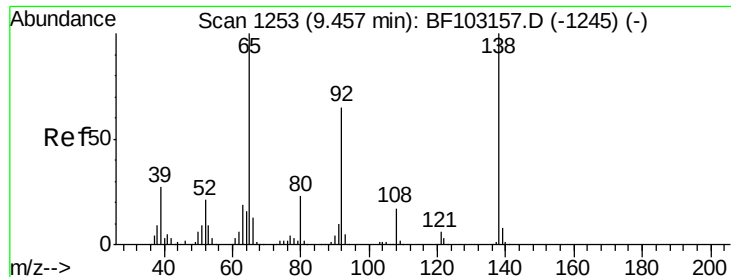
Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Tgt Ion:	162	Resp:	689785
Ion Ratio	Lower	Upper	
162	100		
127	41.5	33.9	50.9
164	34.3	26.5	39.7





#47

2-Nitroaniline

Concen: 37.802 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

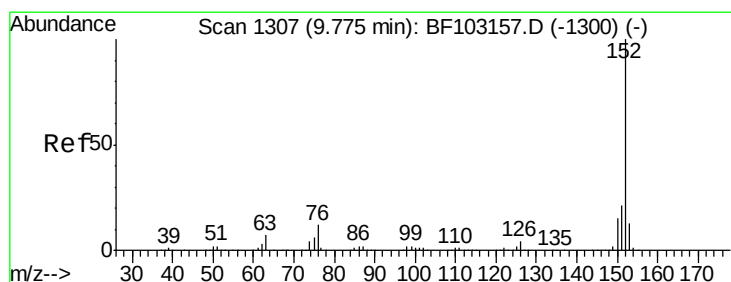
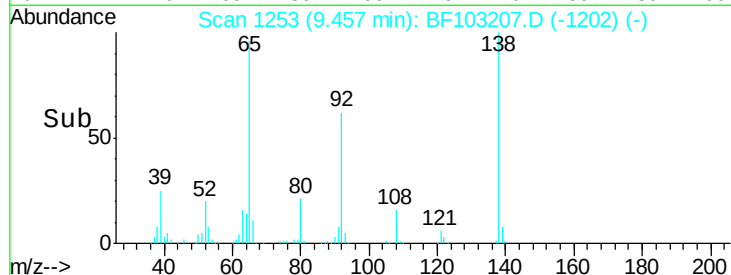
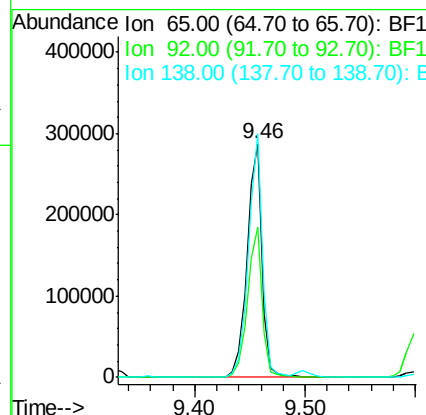
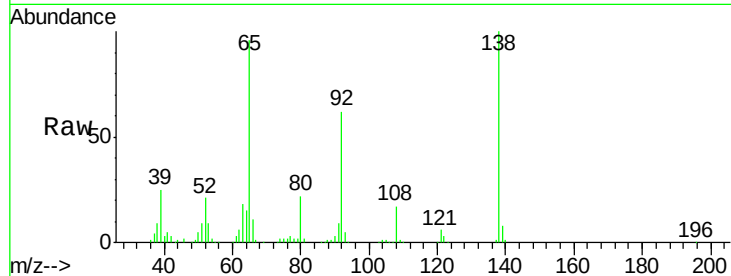
ClientSampleId :

PB106778BS

Tot Ion:	65	Resp:	272435
Ion	Ratio	Lower	Upper
65	100		
92	64.4	55.8	83.6
138	104.3	91.2	136.8

Manual Integrations
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Sohil
2/27/2018 12:22:22 PM



#48

Acenaphthylene

Concen: 35.801 ng

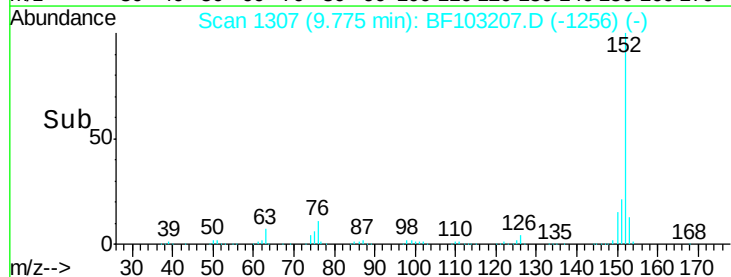
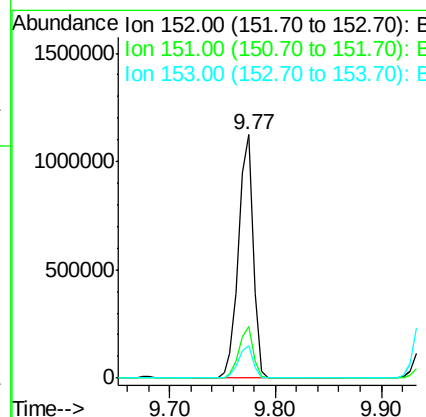
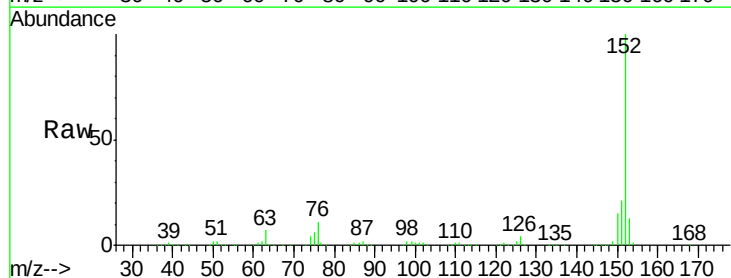
RT: 9.77 min Scan# 1307

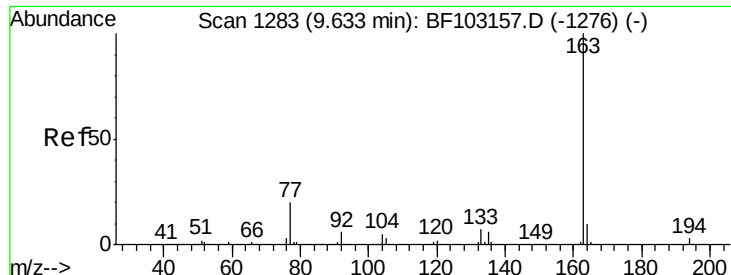
Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Tgt Ion:	152	Resp:	1071716
Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.1	10.7	16.1





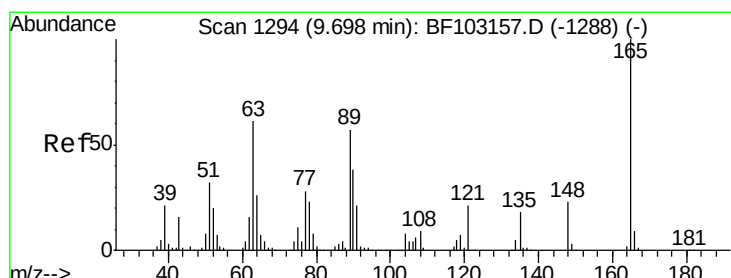
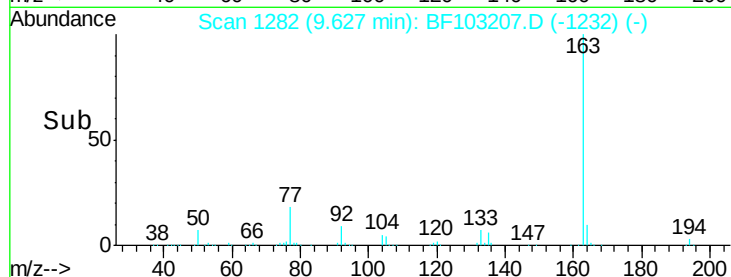
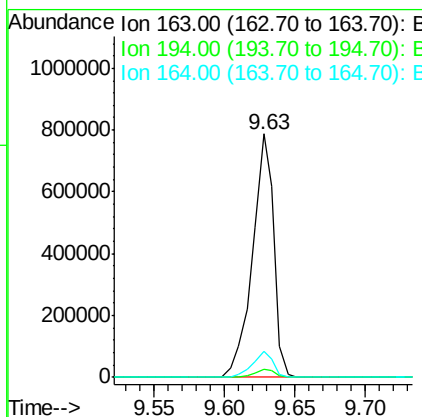
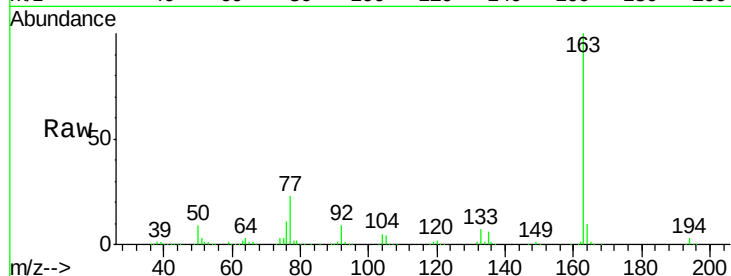
#49
Dimethylphthalate
Concen: 35.424 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampleId :
PB106778BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.7	4.1	
164	10.5	8.2	12.2	

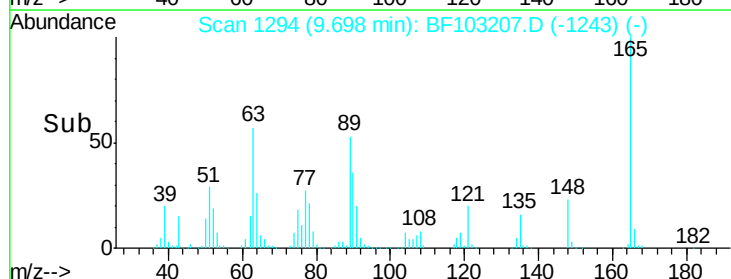
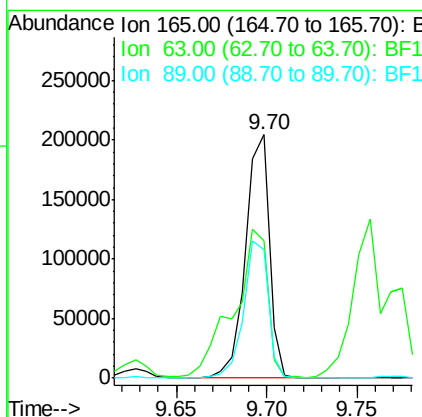
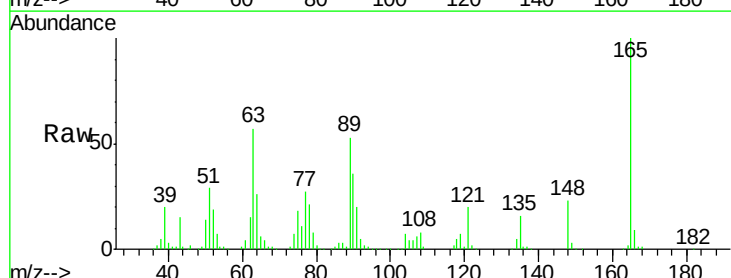
Manual Integrations
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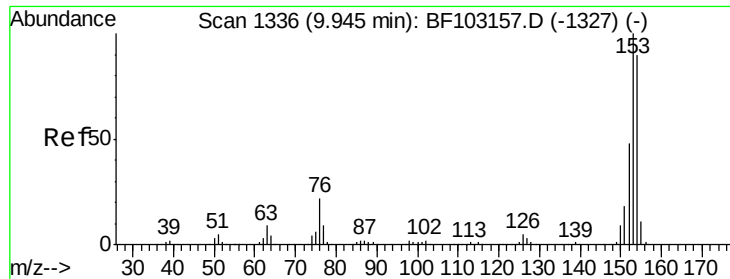
Sohil
2/27/2018 12:22:22 PM



#50
2,6-Dinitrotoluene
Concen: 37.946 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.7	44.7	67.1	
89	52.8	44.0	66.0	





#51

Acenaphthene

Concen: 35.145 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

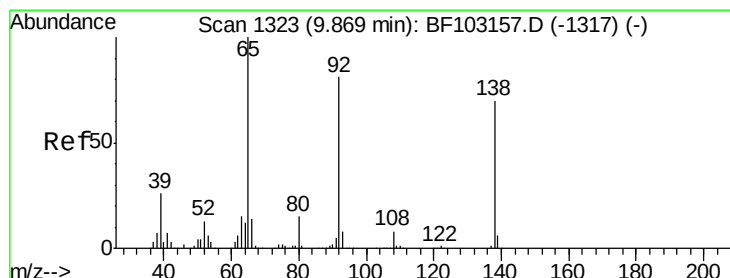
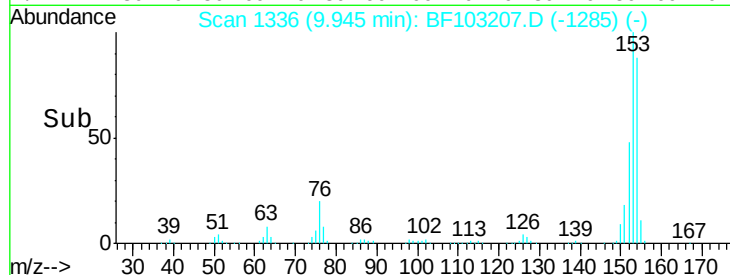
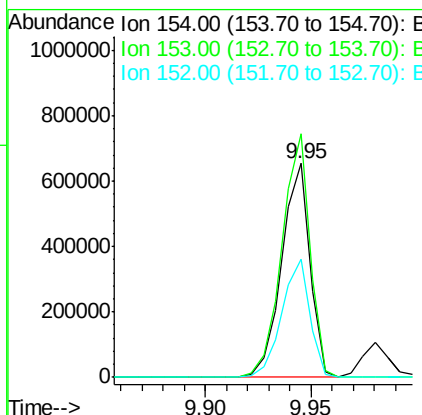
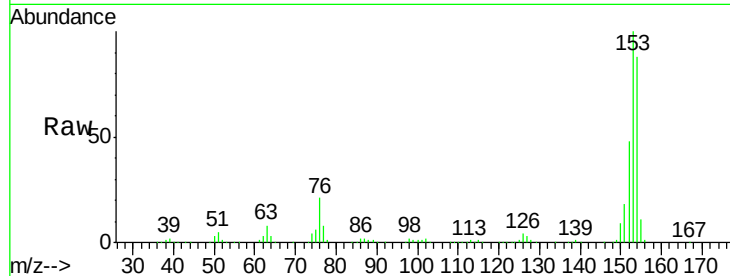
ClientSampleId :

PB106778BS

Tot Ion:	154	Resp:	613487
Ion Ratio	Lower	Upper	
154	100		
153	113.8	91.2	136.8
152	55.1	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 20.841 ng

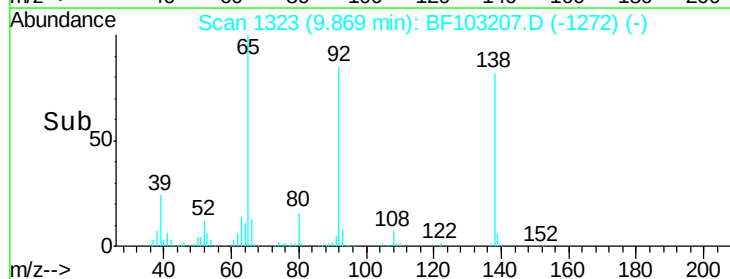
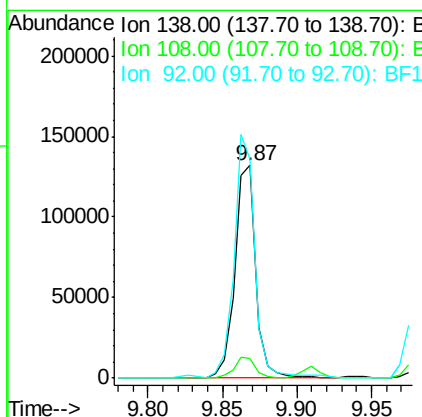
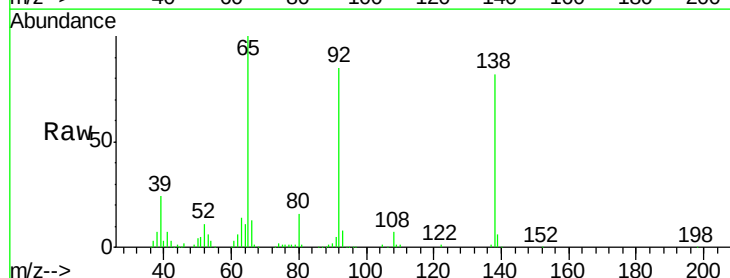
RT: 9.87 min Scan# 1323

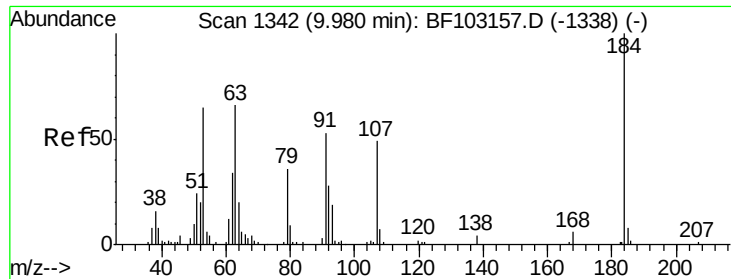
Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Tgt Ion:	138	Resp:	130640
Ion Ratio	Lower	Upper	
138	100		
108	9.1	9.4	14.0#
92	103.2	89.4	134.2





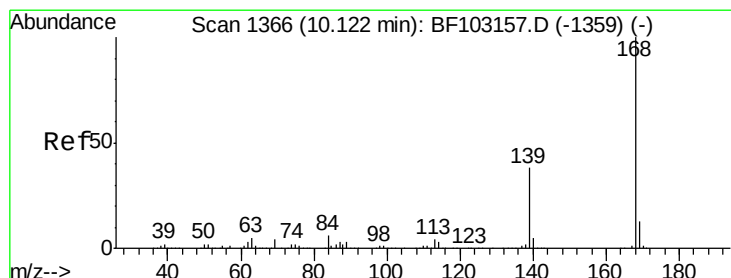
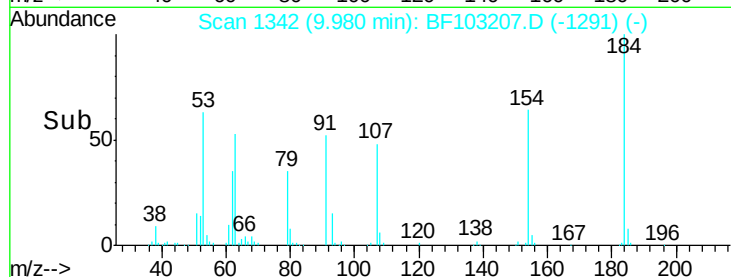
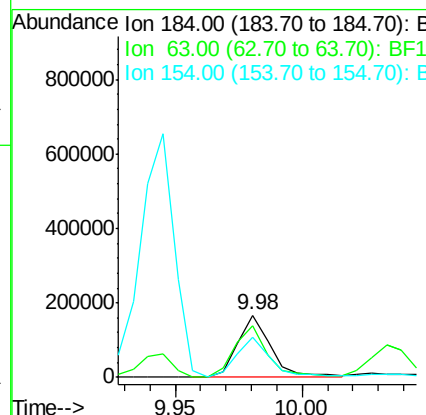
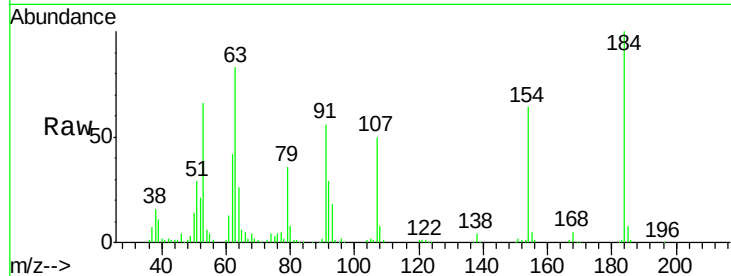
#53
 2,4-Dinitrophenol
 Concen: 84.908 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106778BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	83.3	54.2	81.2#	
154	64.2	184.0	276.0#	

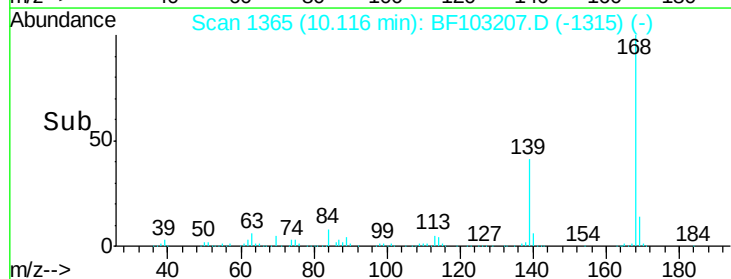
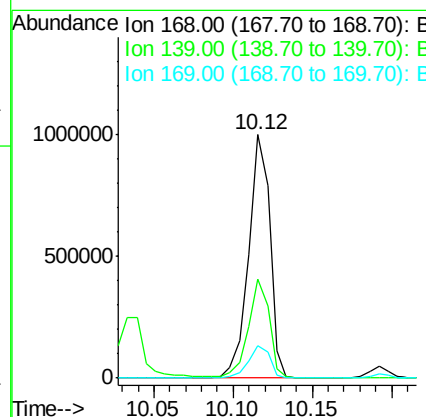
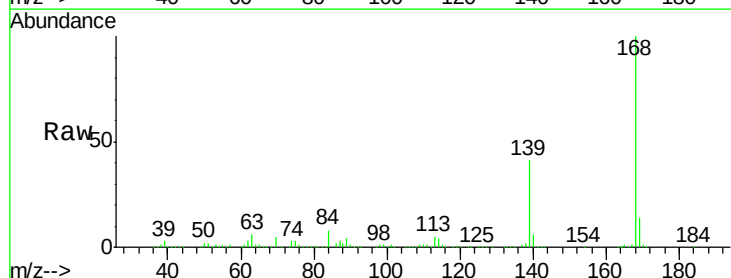
Manual Integrations
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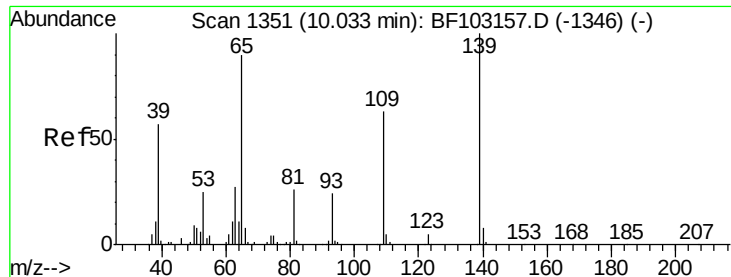
Sohil
 2/27/2018 12:22:22 PM



#54
 Dibenzofuran
 Concen: 38.708 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.9	30.1	45.1	
169	13.5	10.9	16.3	





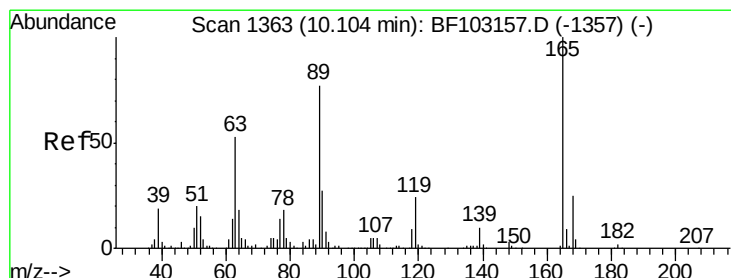
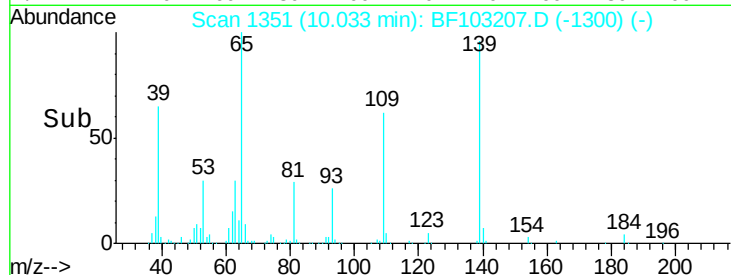
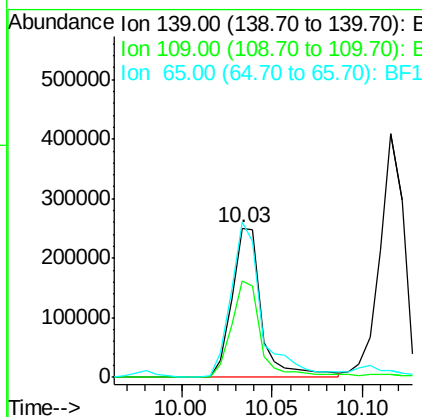
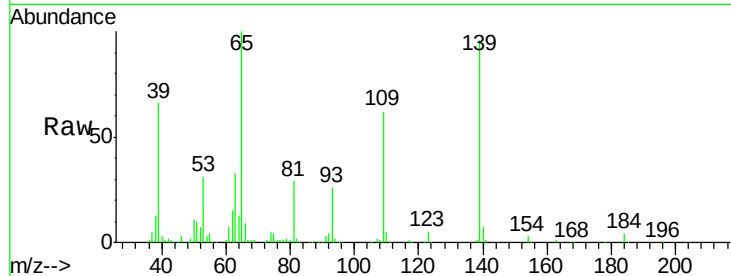
#55
4-Nitrophenol
Concen: 73.617 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampled :
PB106778BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	286008		
109	64.5	48.4	88.4	
65	104.3	72.6	112.6	

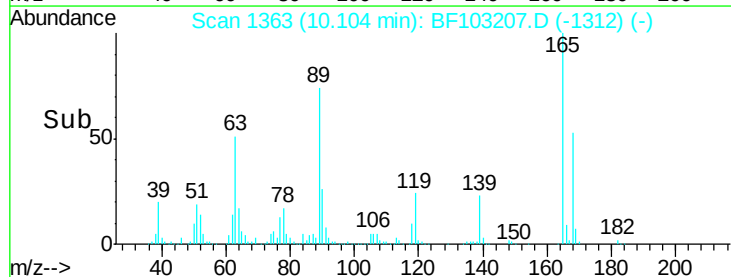
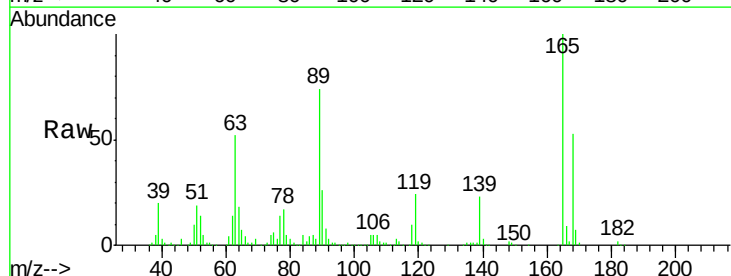
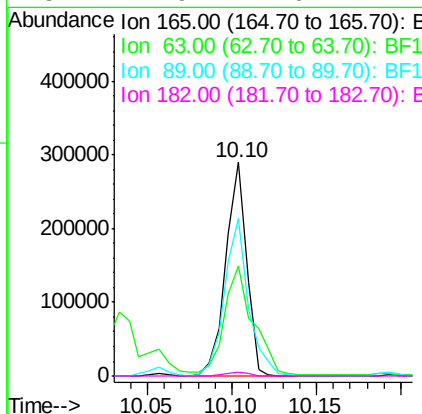
Manual Integrations
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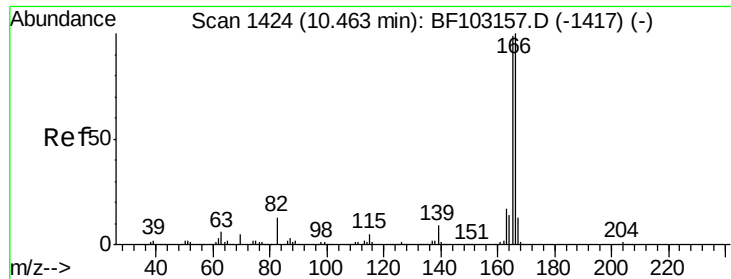
Sohil
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#56
2,4-Dinitrotoluene
Concen: 39.933 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	249533		
63	51.5	36.4	54.6	
89	73.5	57.8	86.6	
182	1.9	1.6	2.4	





#57

Fluorene

Concen: 35.057 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

PB106778BS

Tot Ion:166 Resp: 715613

Ion Ratio Lower Upper

166 100

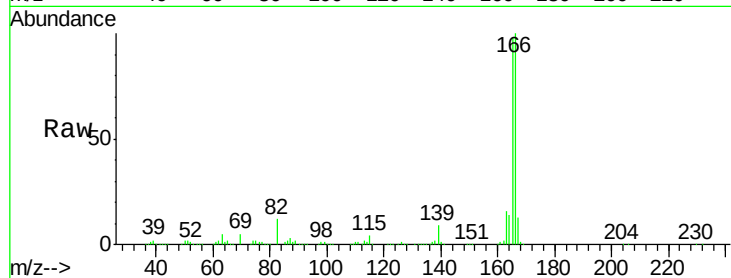
165 98.1 79.8 119.8

167 12.9 10.6 16.0

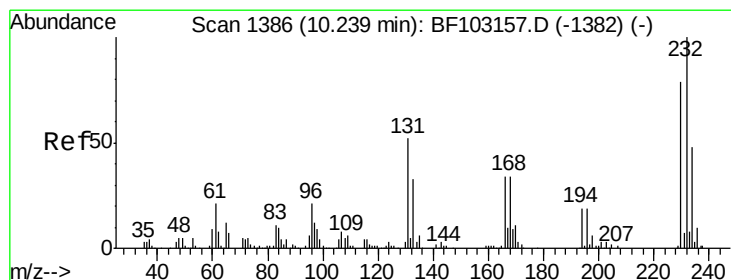
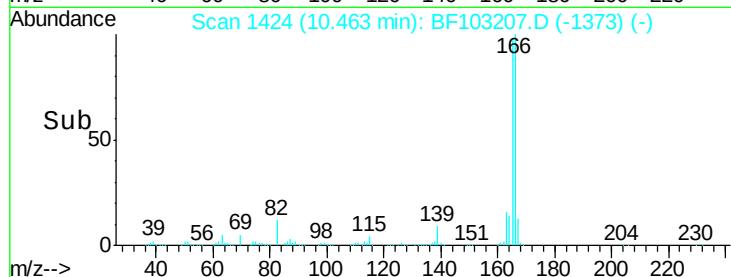
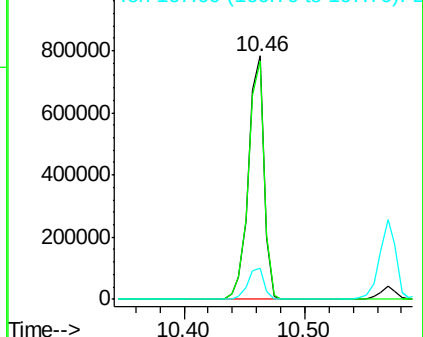
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.541 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Tgt Ion:232 Resp: 169107

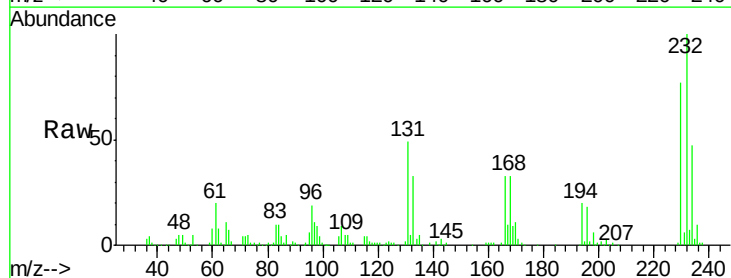
Ion Ratio Lower Upper

232 100

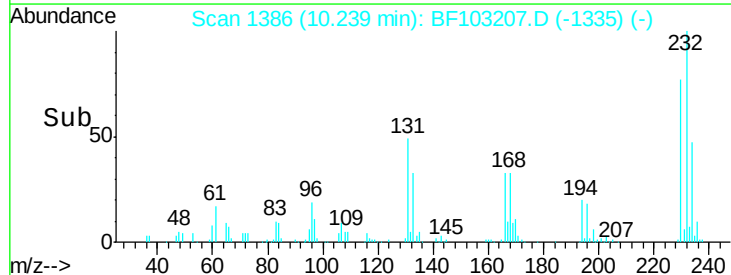
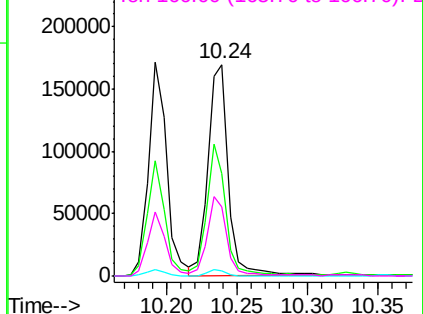
131 56.8 43.8 65.8

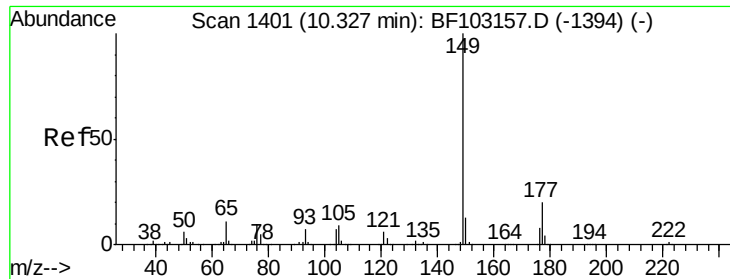
130 2.8 2.1 3.1

166 35.6 27.8 41.6



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





#59

Diethylphthalate

Concen: 35.872 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

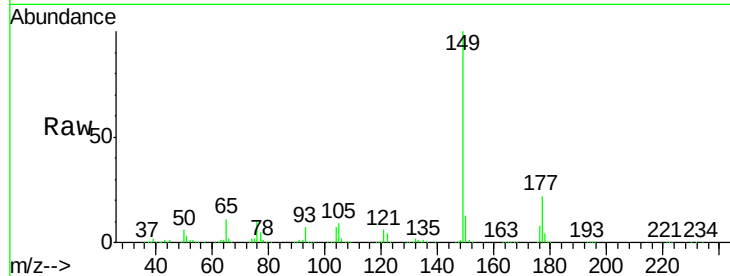
ClientSampleId :

PB106778BS

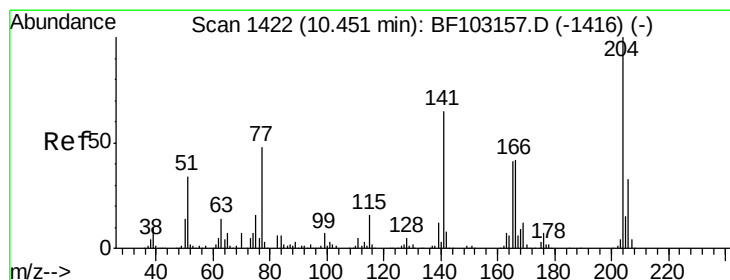
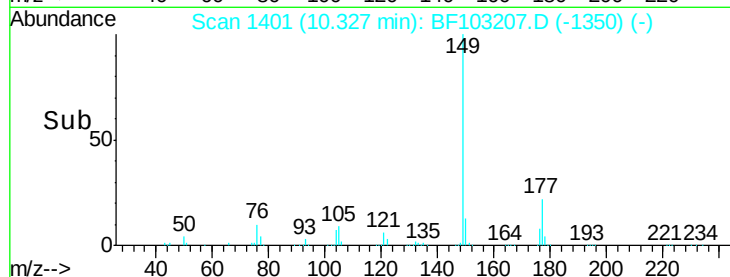
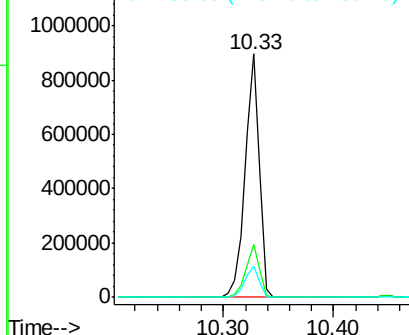
Tot Ion:	149	Resp:	807768
Ion Ratio	Lower	Upper	
149	100		
177	21.6	16.1	24.1
150	12.7	10.1	15.1

Manual Integrations
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2/27/2018 12:22:22 PM



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



#60

4-Chlorophenyl-phenylether

Concen: 36.002 ng

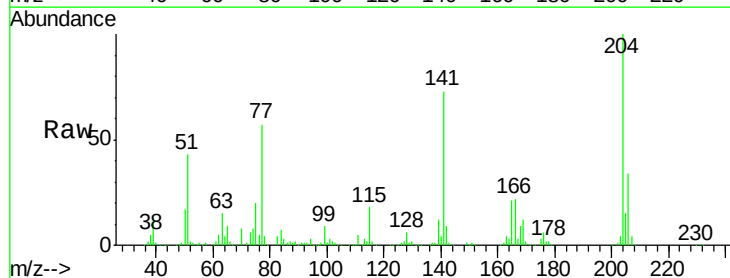
RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

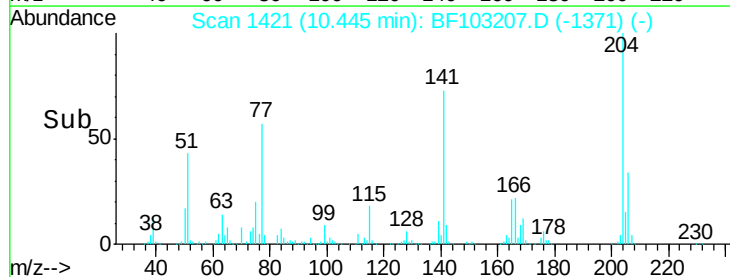
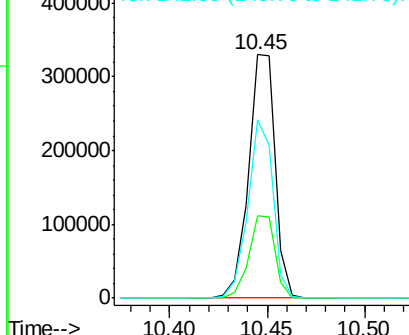
Lab File: BF103207.D

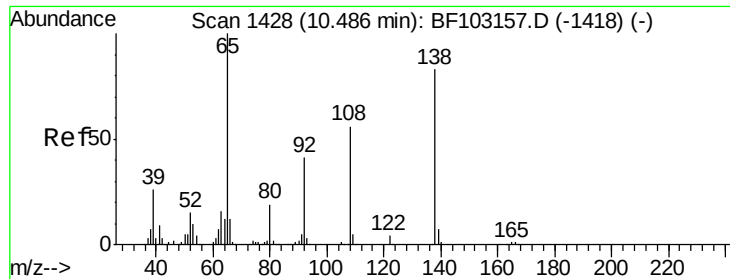
Acq: 26 Feb 2018 10:08

Tgt Ion:	204	Resp:	311644
Ion Ratio	Lower	Upper	
204	100		
206	33.9	26.5	39.7
141	73.5	54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





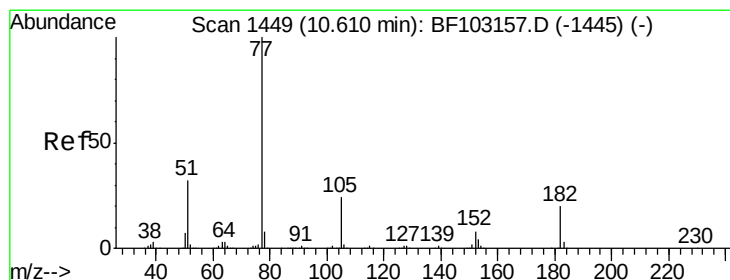
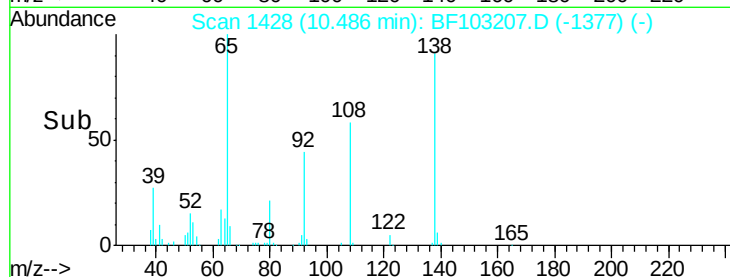
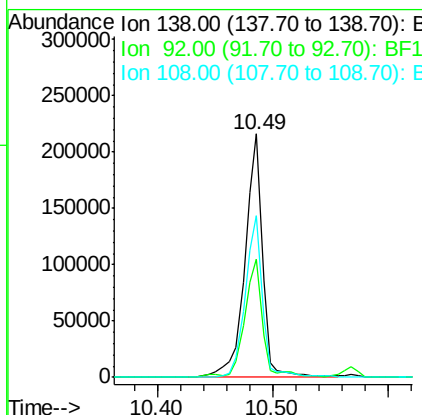
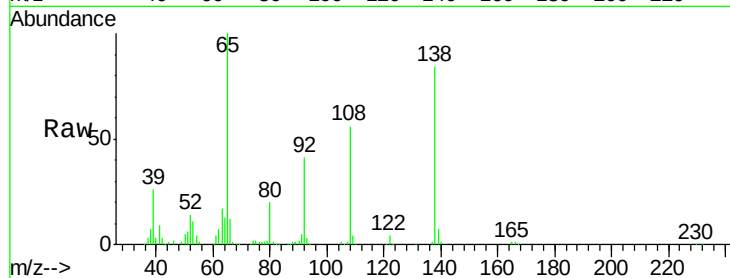
#61
4-Nitroaniline
Concen: 36.778 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampled :
PB106778BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.6	30.2	70.2
108	66.4	52.5	92.5

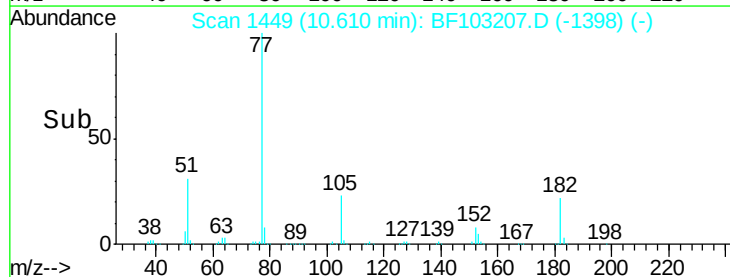
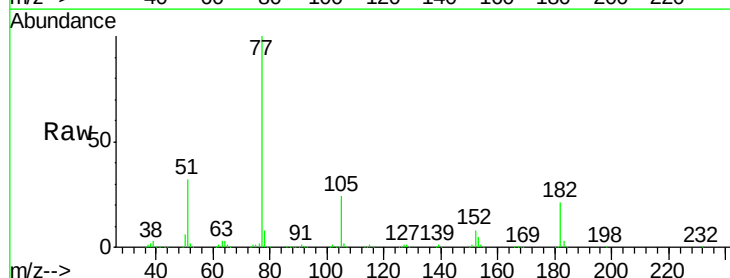
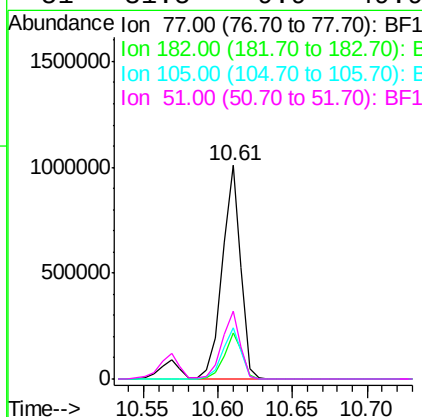
Manual Integrations
APPROVED

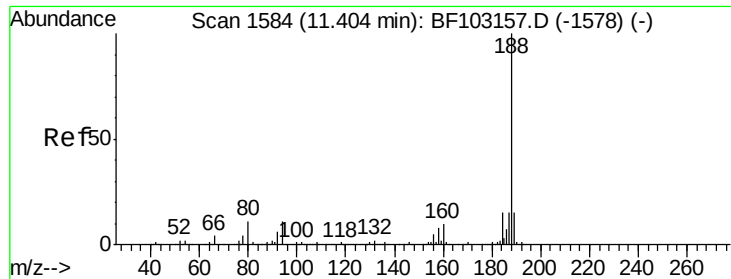
Sohil
2/27/2018 12:22:22 PM



#62
Azobenzene
Concen: 38.166 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.5	1.7	41.7
105	24.0	3.0	43.0
51	31.5	9.9	49.9





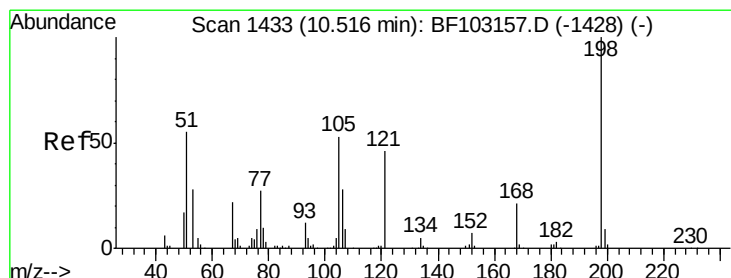
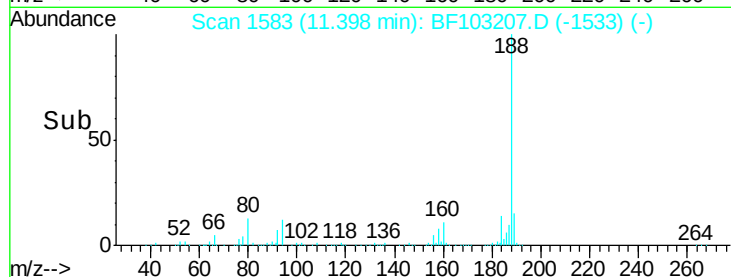
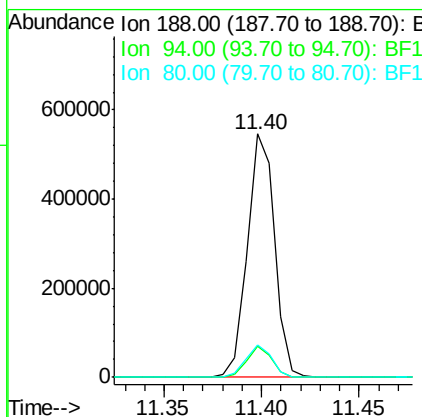
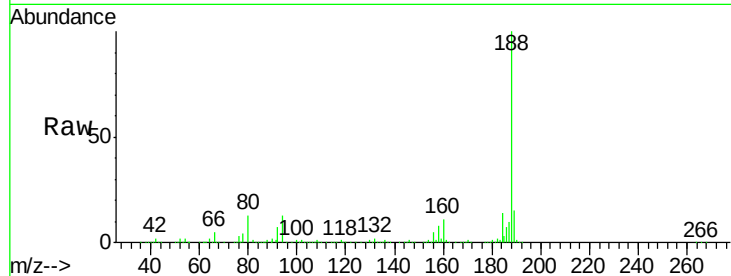
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampleId :
PB106778BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.6	8.5	12.7
80	13.1	9.2	13.8

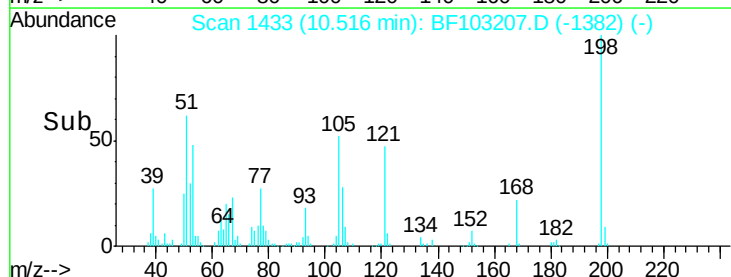
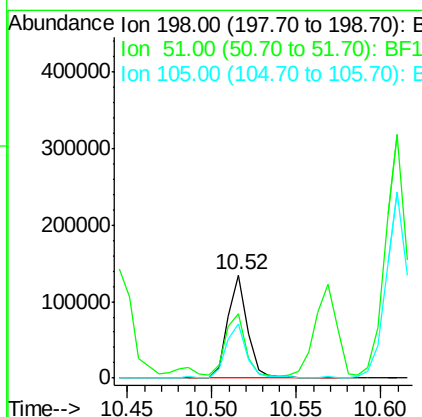
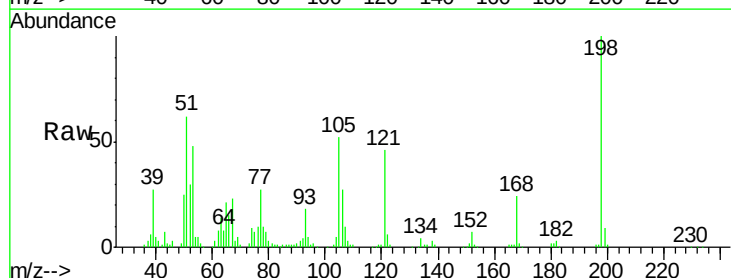
Manual Integrations
APPROVED

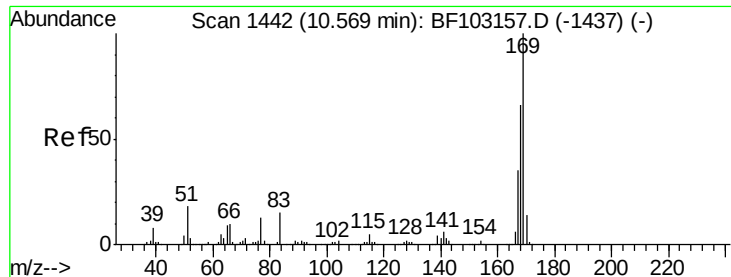
Sohil
2/27/2018 12:22:22 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 35.867 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	61.9	37.7	77.7
105	52.3	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 35.848 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

PB106778BS

Tot Ion:169 Resp: 657986

Ion Ratio Lower Upper

169 100

168 66.6 54.4 81.6

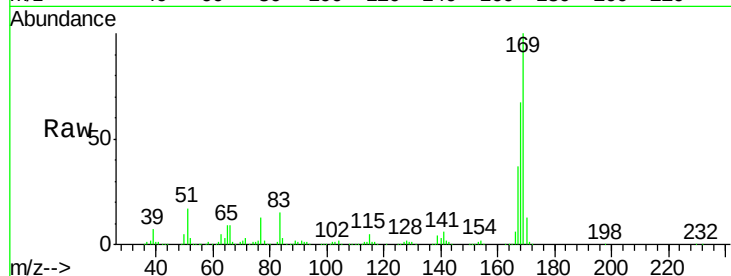
167 36.7 29.8 44.6

Manual Integrations

APPROVED

Sohil

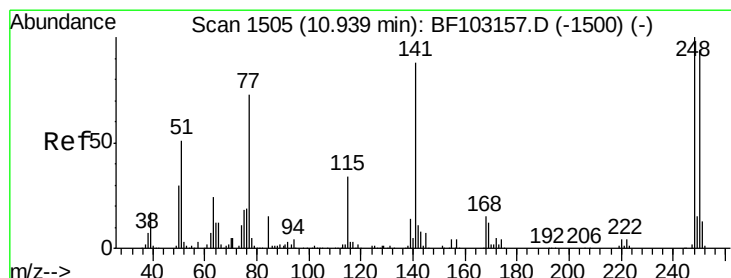
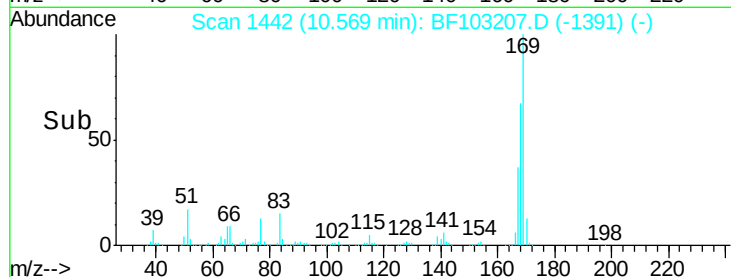
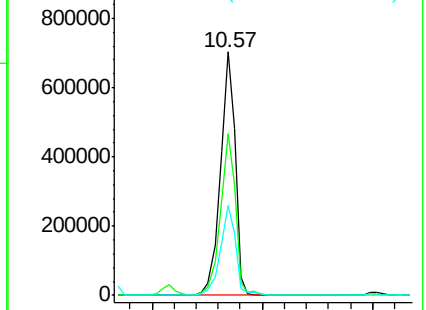
2/27/2018 12:22:22 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.430 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

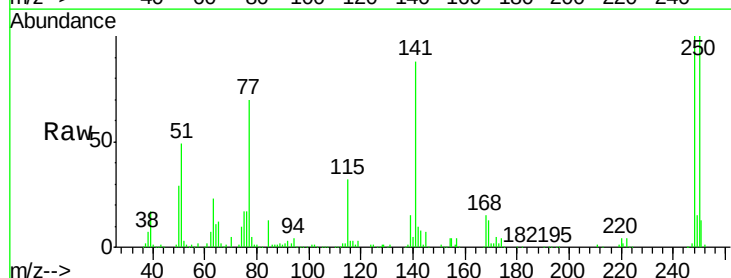
Tgt Ion:248 Resp: 194561

Ion Ratio Lower Upper

248 100

250 100.0 76.9 115.3

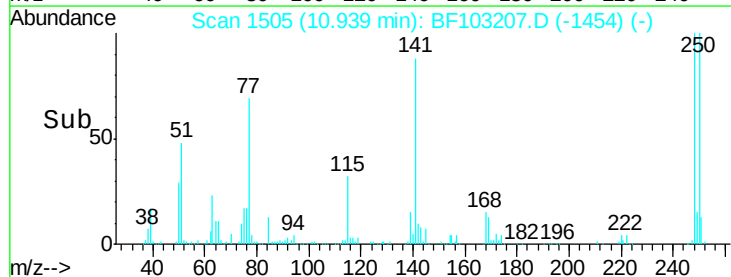
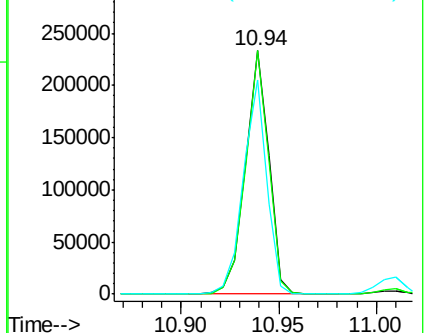
141 87.9 74.4 111.6

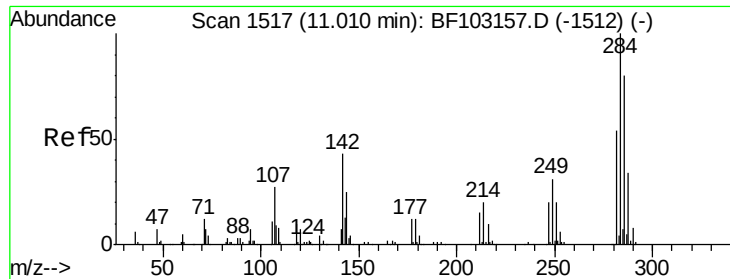


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





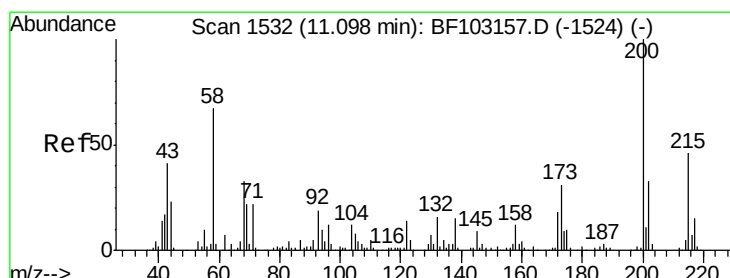
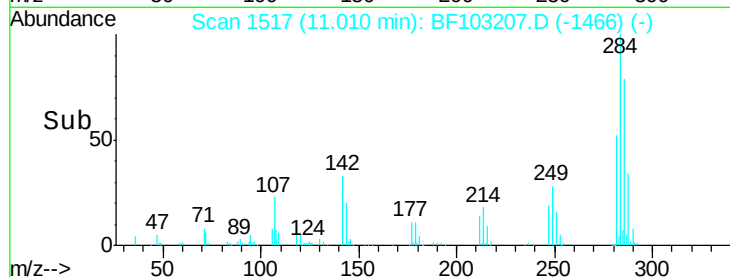
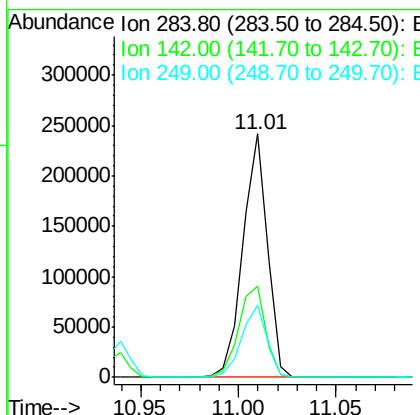
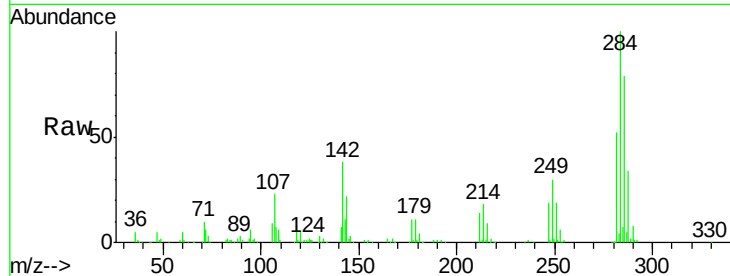
#67
Hexachlorobenzene
Concen: 35.345 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampleId :
PB106778BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	210670		
142	37.7		34.6	52.0
249	29.5		24.8	37.2

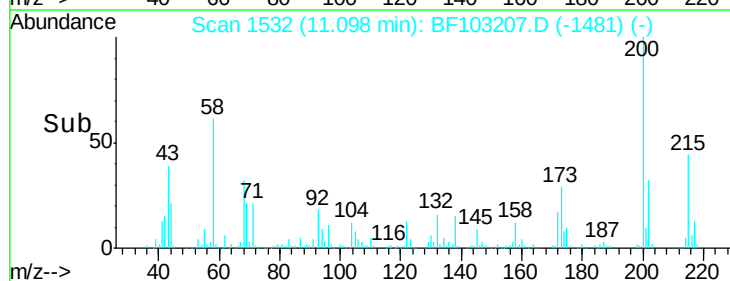
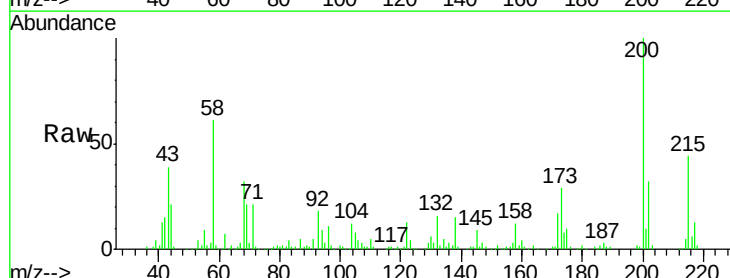
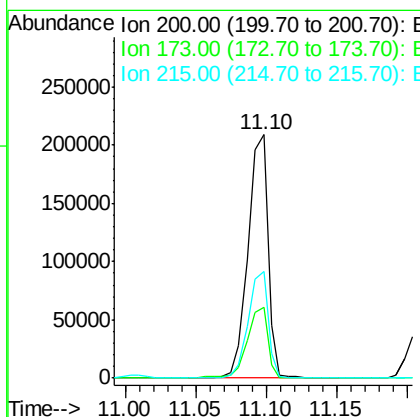
Manual Integrations
APPROVED

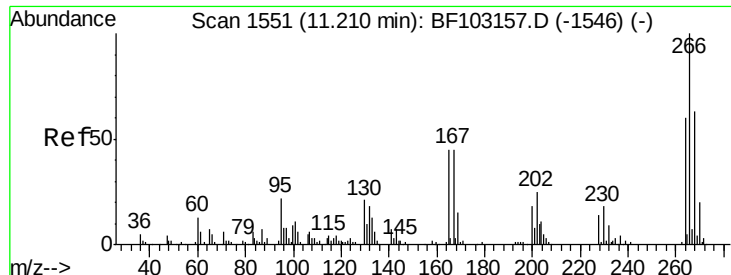
Sohil
2/27/2018 12:22:22 PM



#68
Atrazine
Concen: 37.951 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	209369		
173	29.2		8.6	48.6
215	44.0		25.1	65.1





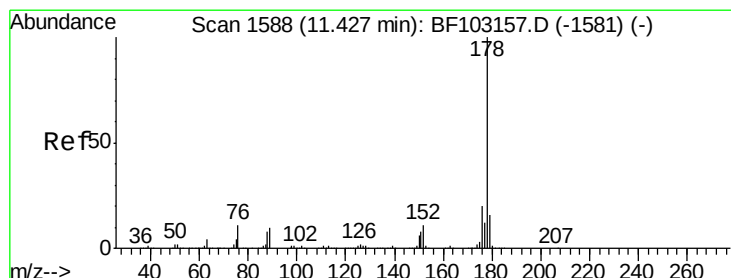
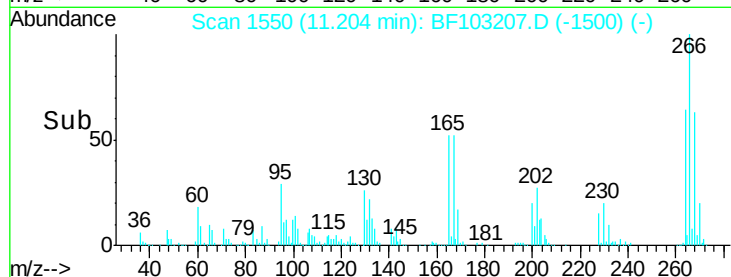
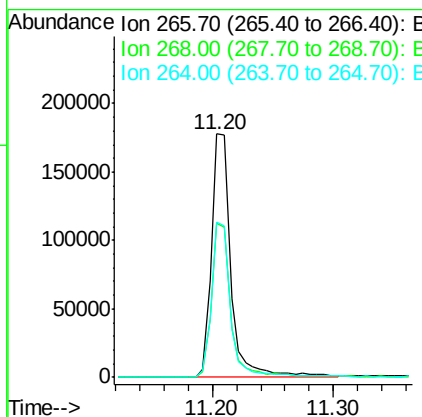
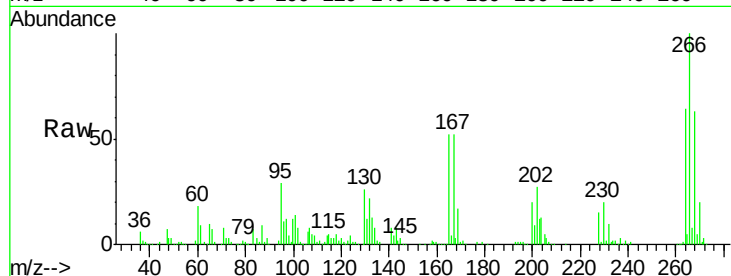
#69
 Pentachlorophenol
 Concen: 68.519 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106778BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	63.8	49.5	74.3

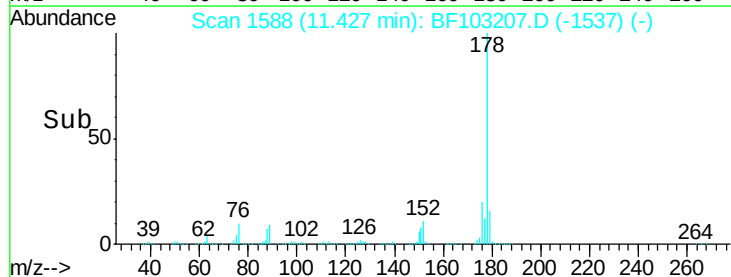
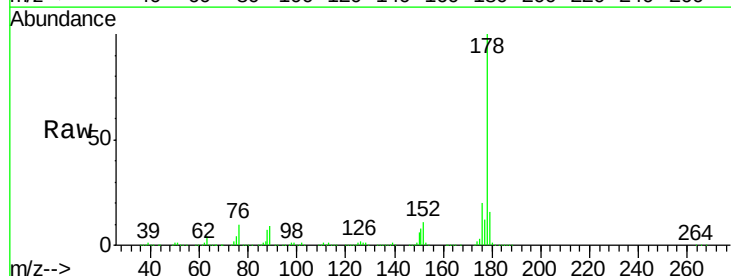
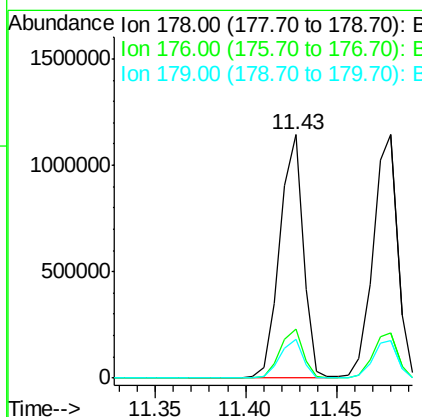
Manual Integrations
 APPROVED

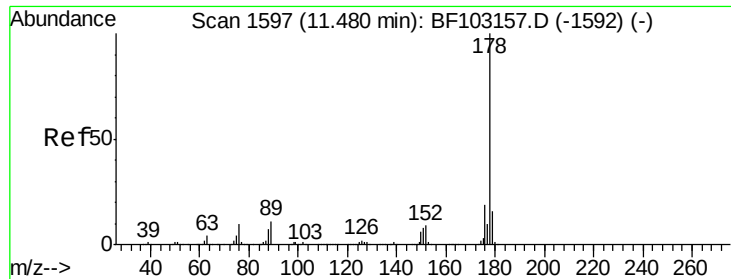
Sohil
 2/27/2018 12:22:22 PM



#70
 Phenanthrene
 Concen: 35.468 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

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





#71
 Anthracene
 Concen: 36.371 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

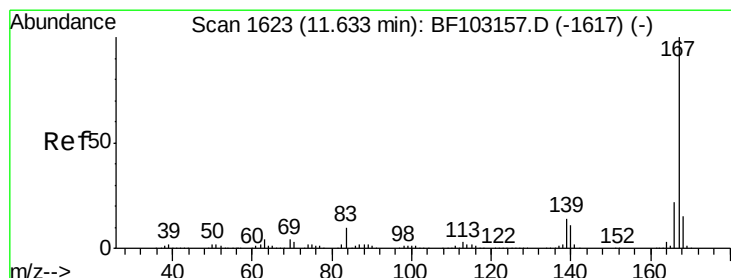
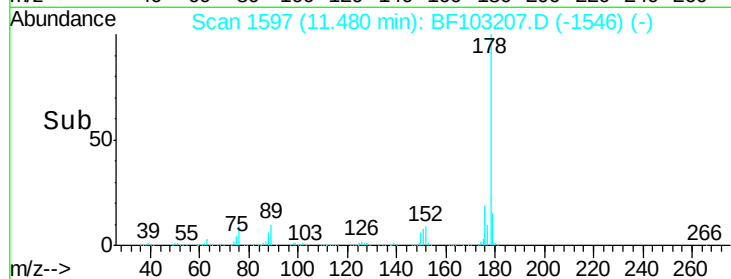
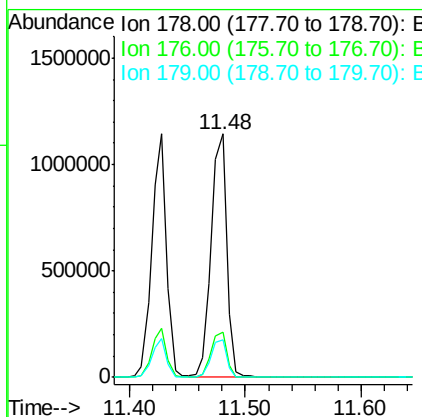
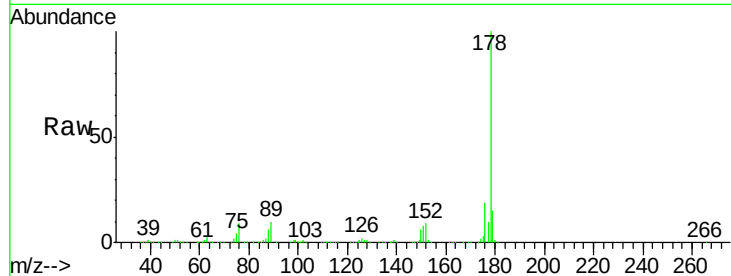
Instrument :
 BNA_F
 ClientSampleId :
 PB106778BS

Tot Ion:178 Resp: 1082004

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.3	12.6	19.0

Manual Integrations
 APPROVED

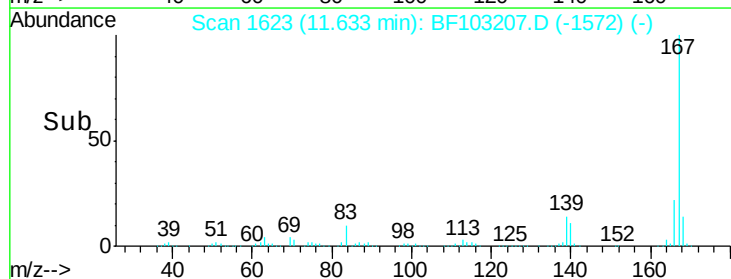
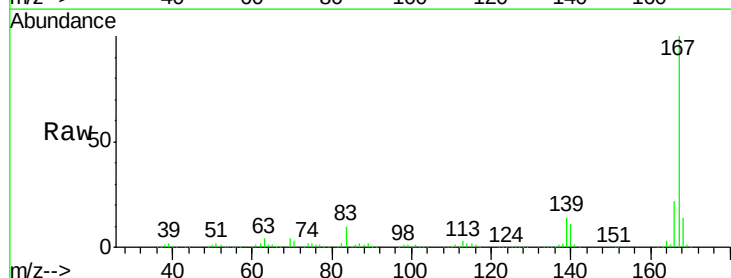
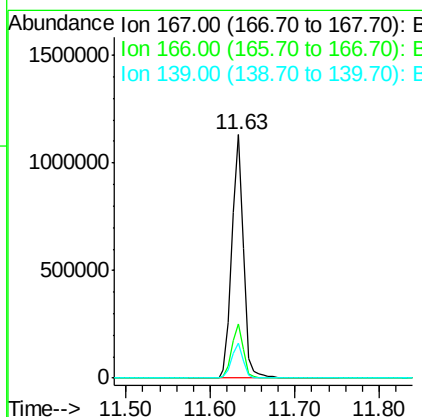
Sohil
 2/27/2018 12:22:22 PM

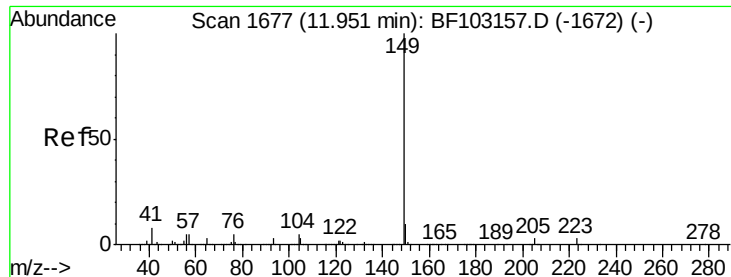


#72
 Carbazole
 Concen: 35.850 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Tgt Ion:167 Resp: 1062041

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	14.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.136 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

PB106778BS

Tot Ion:149 Resp: 1339543

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

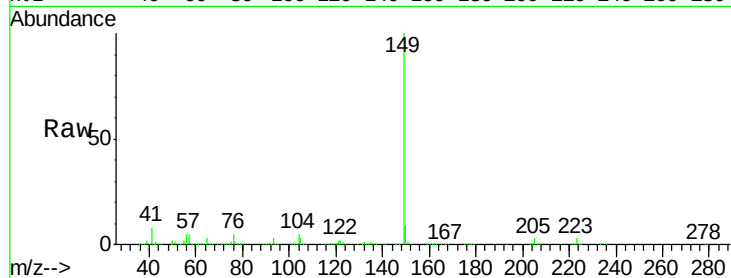
104 4.8 3.8 5.8

Manual Integrations

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Sohil

2/27/2018 12:22:22 PM

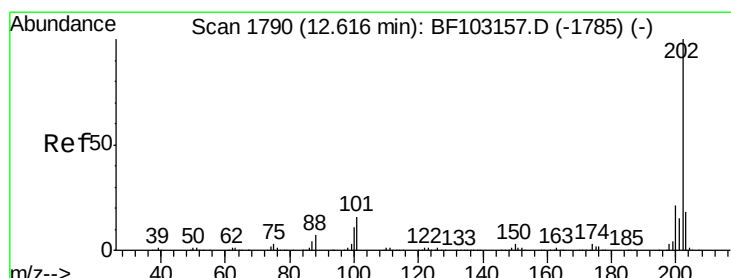
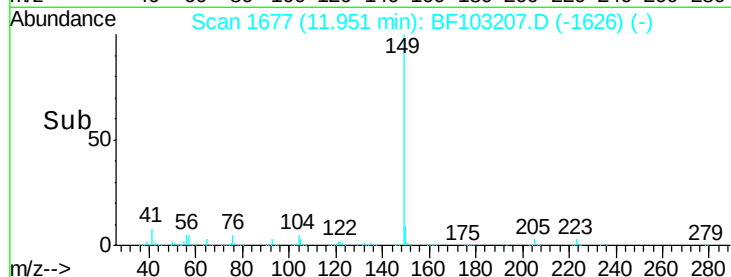


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



#74

Fluoranthene

Concen: 37.452 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

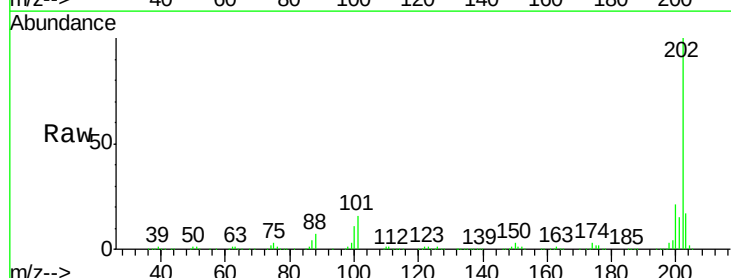
Tgt Ion:202 Resp: 1091835

Ion Ratio Lower Upper

202 100

101 15.7 0.0 34.1

203 17.4 0.0 38.1

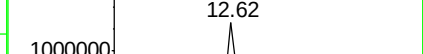
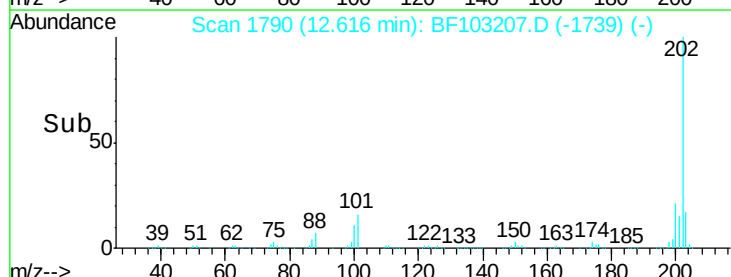


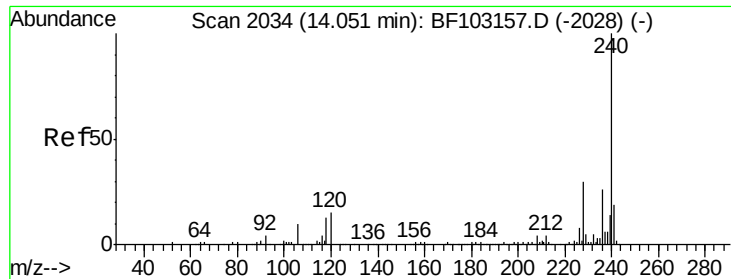
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

ClientSampleId :

PB106778BS

Tot Ion:240 Resp: 407268

Ion Ratio Lower Upper

240 100

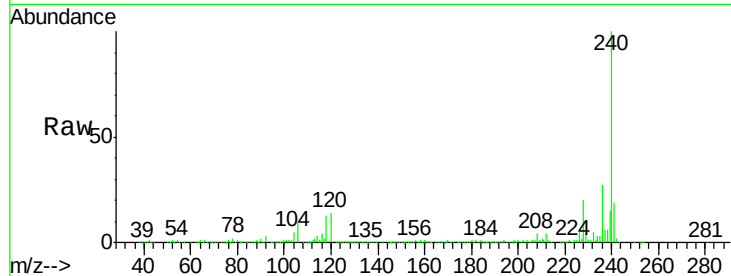
120 14.5 9.5 14.3#

236 27.1 20.7 31.1

Manual Integrations
APPROVED

Sohil

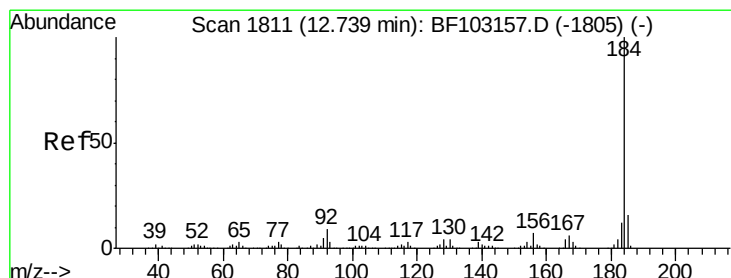
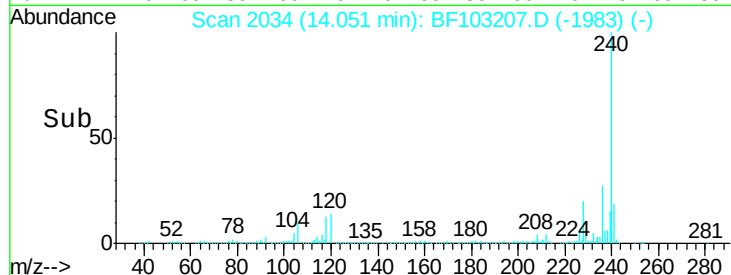
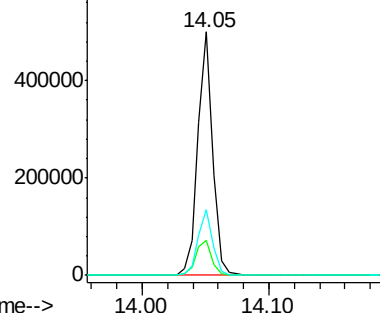
2/27/2018 12:22:22 PM



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: 30.995 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

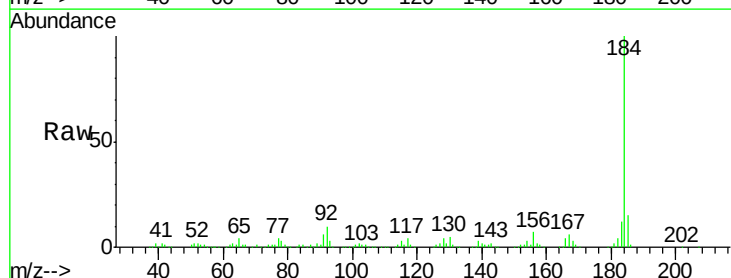
Tgt Ion:184 Resp: 471924

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

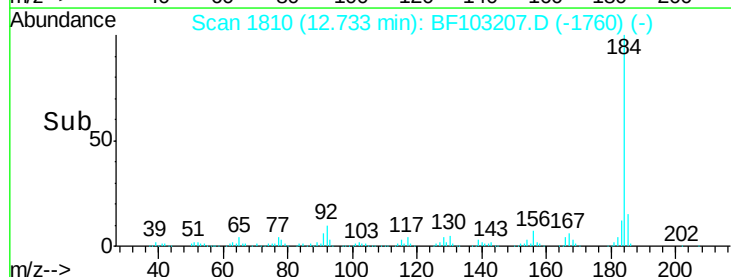
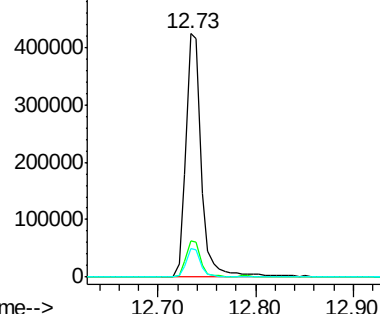
183 11.8 9.3 13.9

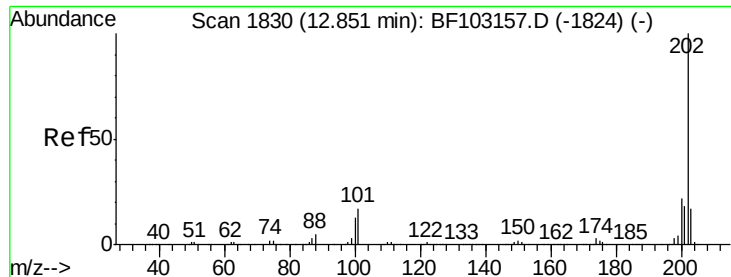


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.466 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Instrument :

BNA_F

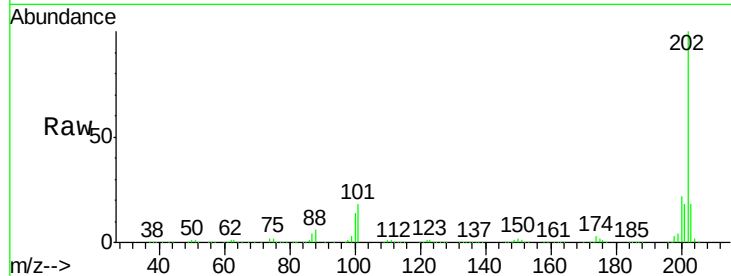
ClientSampleId :

PB106778BS

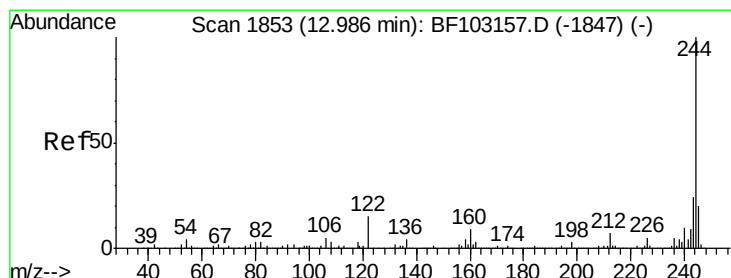
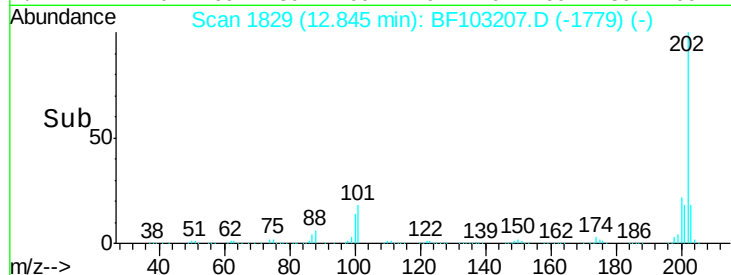
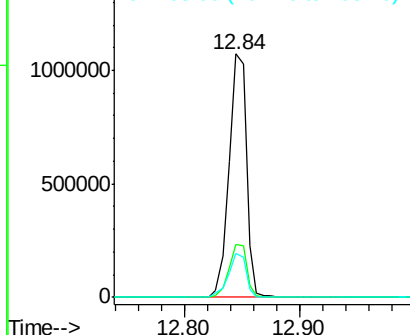
Tot Ion:	202	Resp:	1126143
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.9	14.3	21.5

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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: 75.593 ng

RT: 12.99 min Scan# 1853

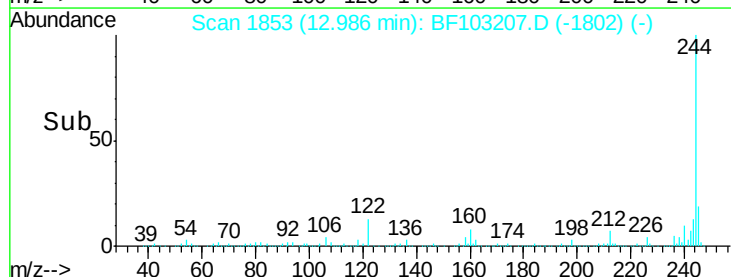
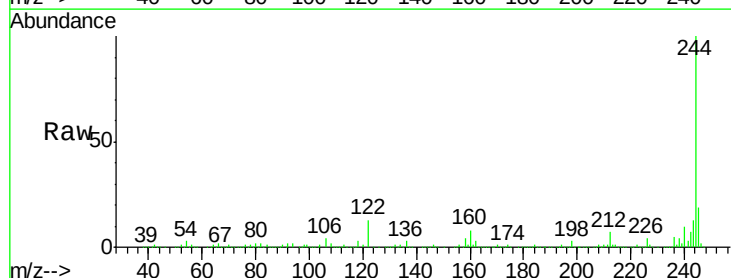
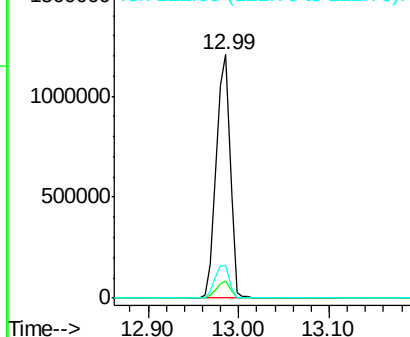
Delta R.T. -0.00 min

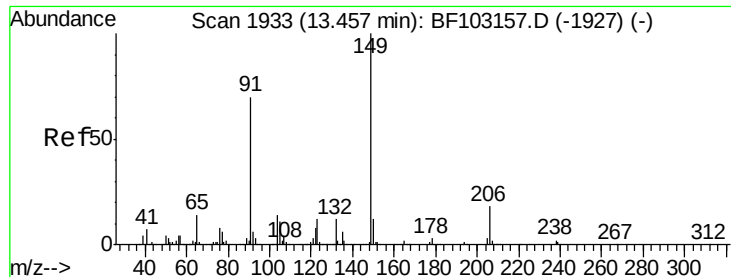
Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Tgt Ion:	244	Resp:	1280716
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.2	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





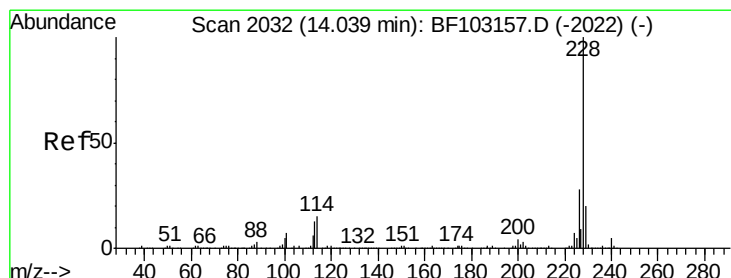
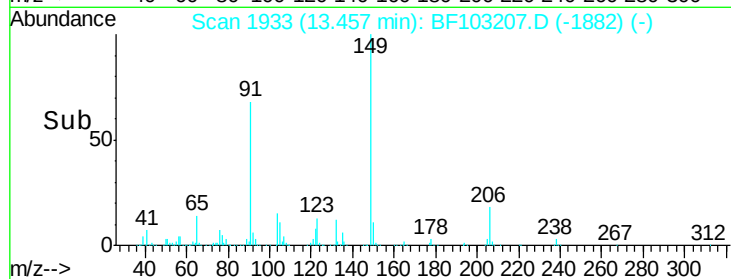
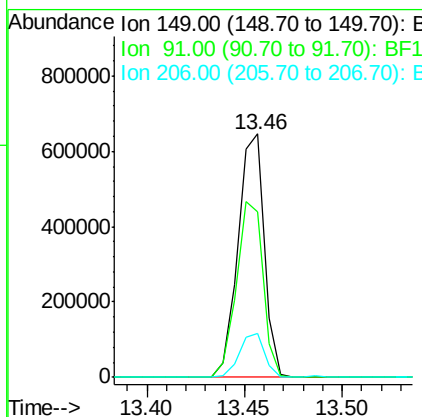
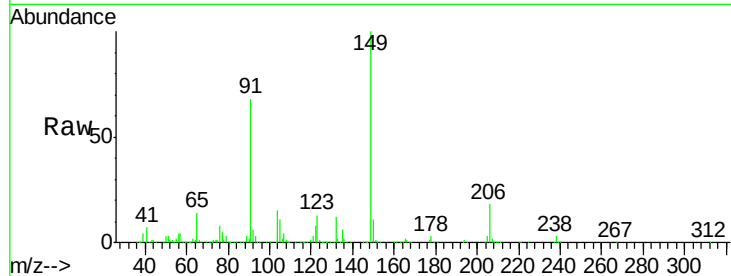
#79
Butylbenzylphthalate
Concen: 36.056 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampleId :
PB106778BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.1	56.8	85.2
206	18.3	14.1	21.1

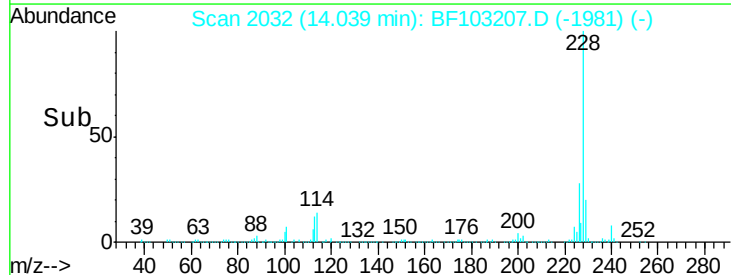
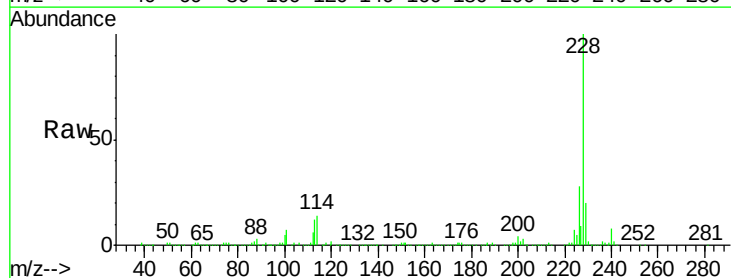
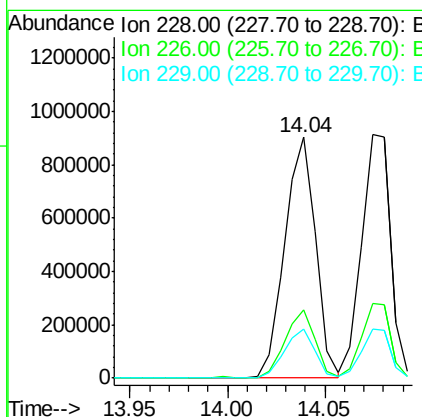
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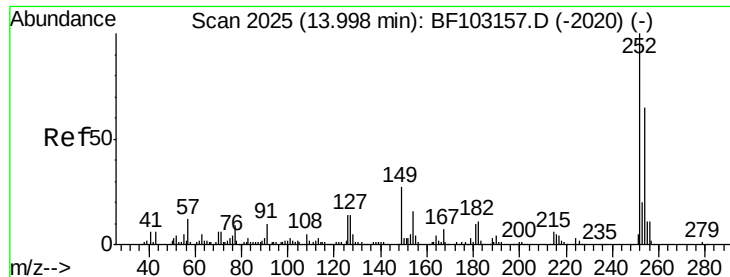
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#80
Benzo(a)anthracene
Concen: 37.295 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.3	15.8	23.6





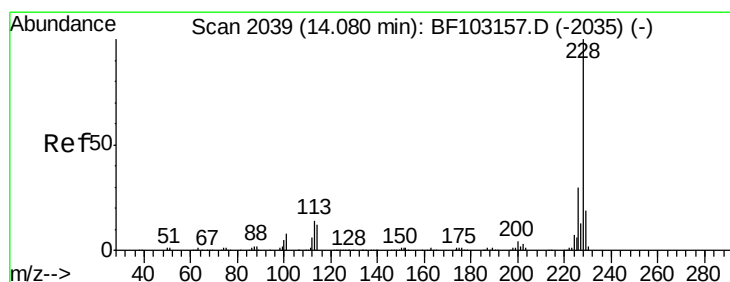
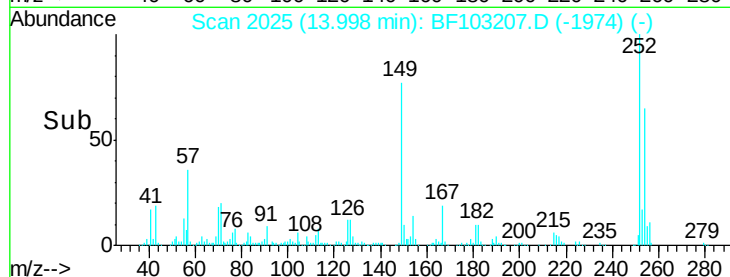
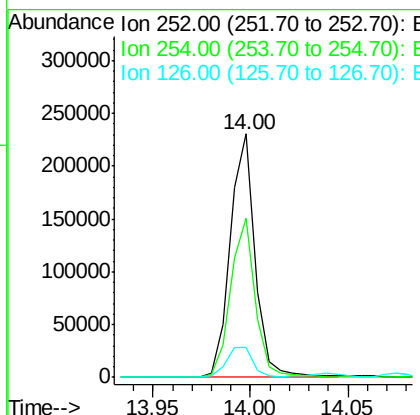
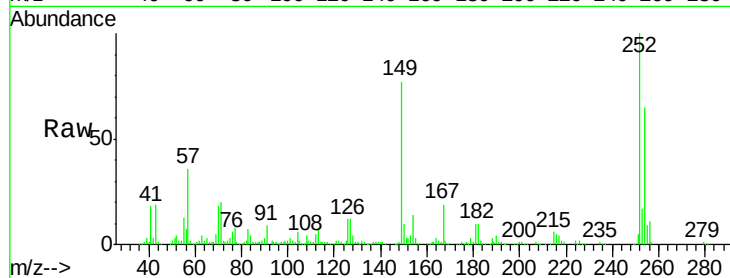
#81
 3,3'-Dichlorobenzidine
 Concen: 21.636 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106778BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	204041		
254	65.2	50.4	75.6	
126	12.3	11.3	16.9	

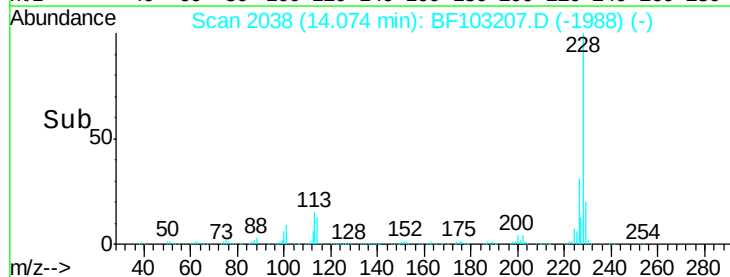
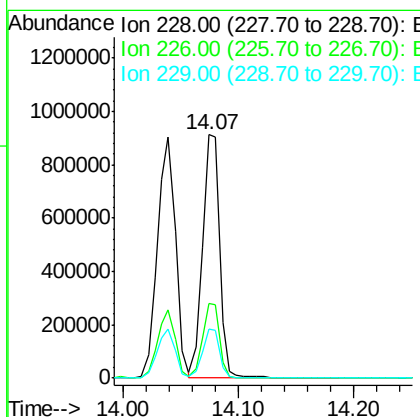
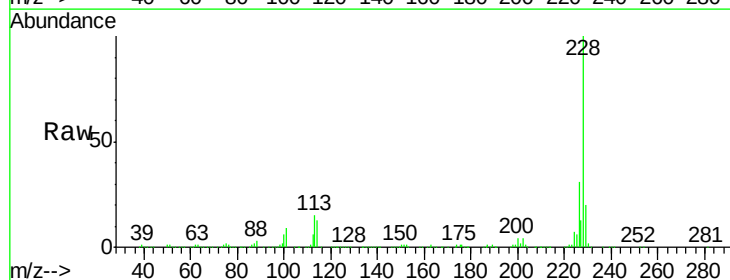
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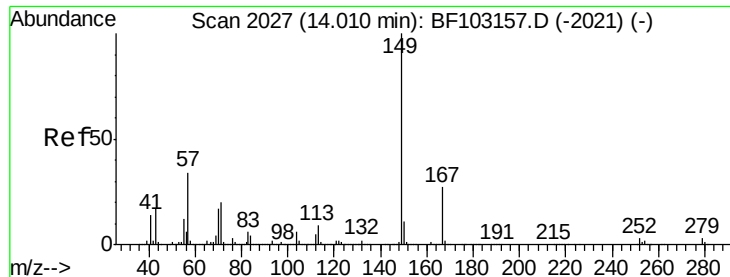
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#82
 Chrysene
 Concen: 37.090 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	951647		
226	30.5	25.0	37.6	
229	20.1	16.2	24.4	





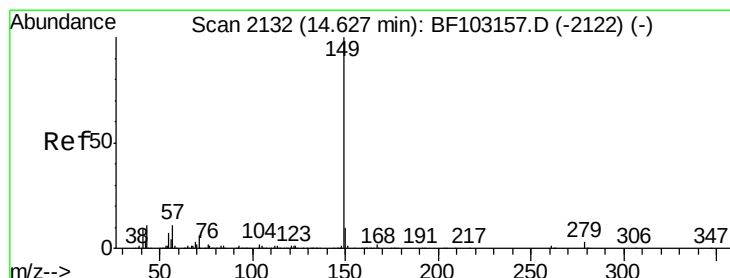
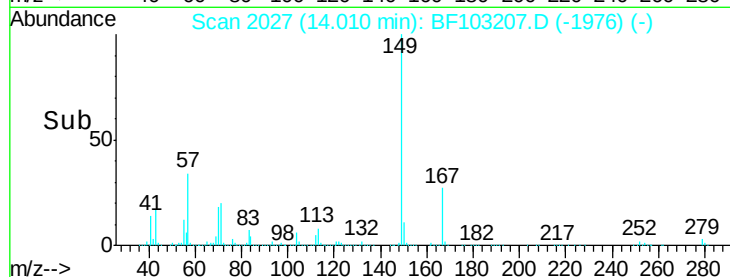
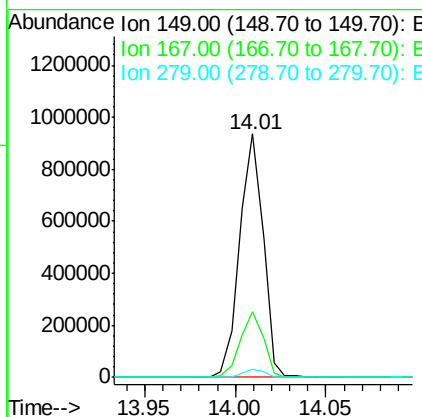
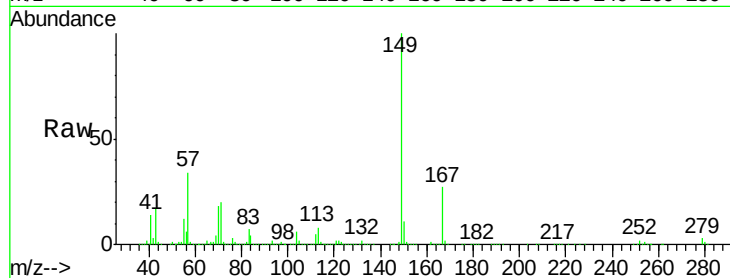
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.340 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106778BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.1	3.0	4.4

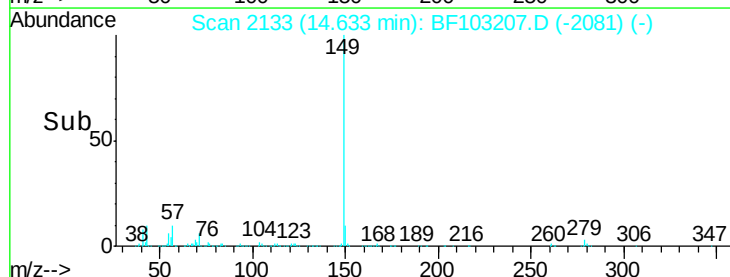
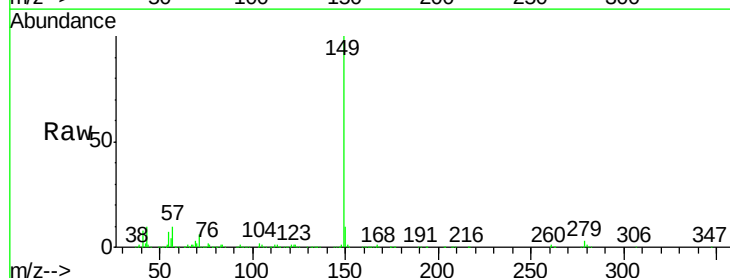
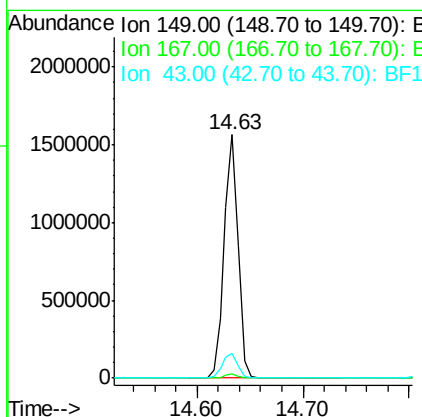
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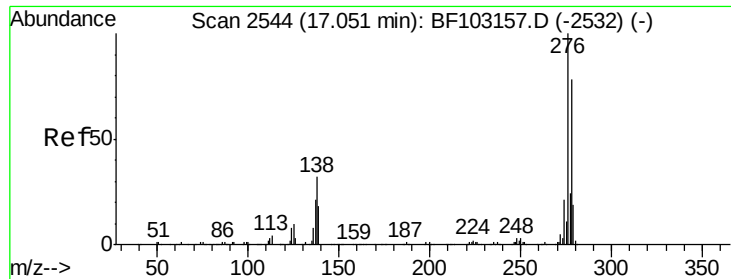
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#84
 Di-n-octyl phthalate
 Concen: 39.631 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. 0.01 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

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





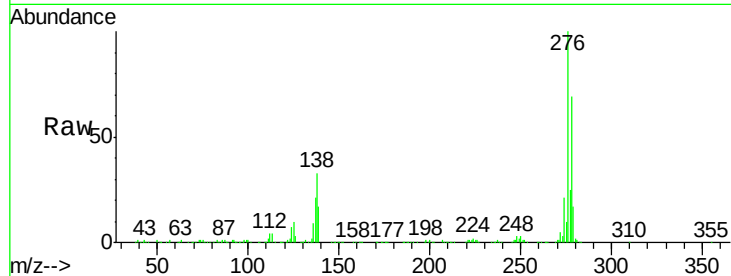
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.118 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. 0.01 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106778BS

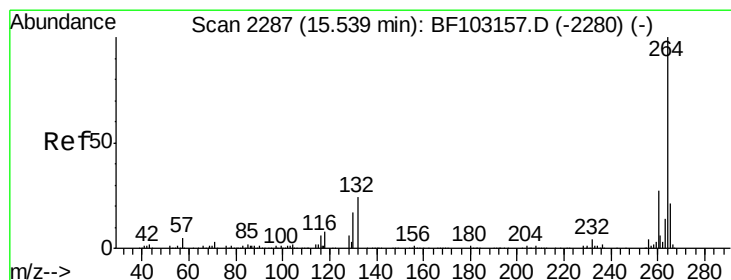
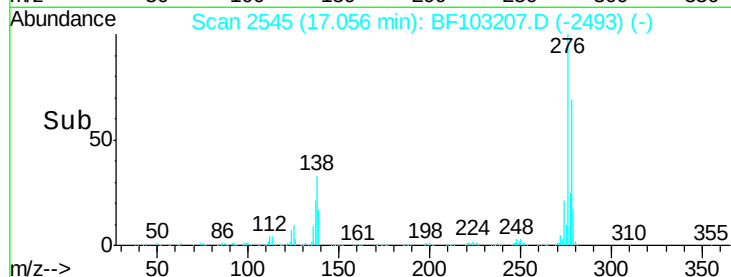
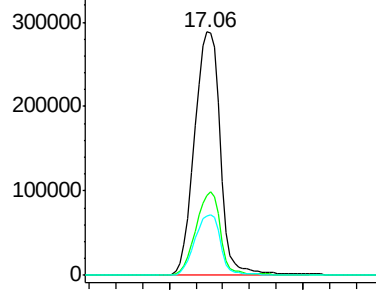
Tot Ion	Ratio	Resp	Lower	Upper
276	100	794593		
138	33.0		25.0	37.6
277	24.9		20.1	30.1

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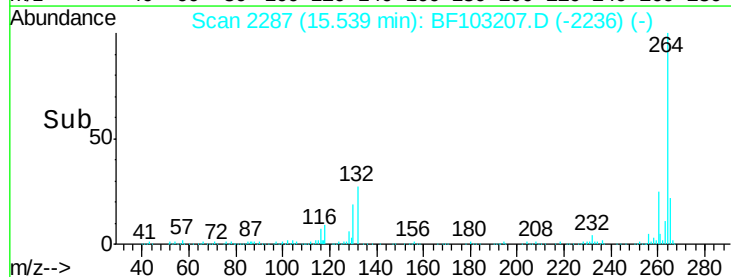
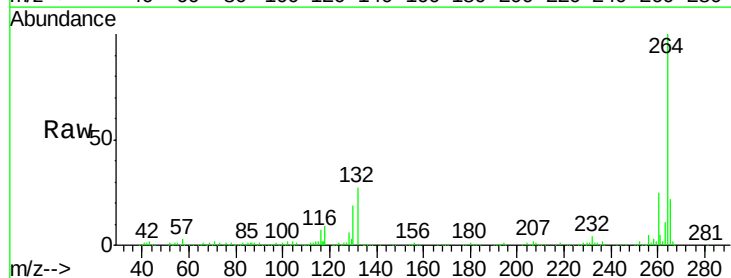
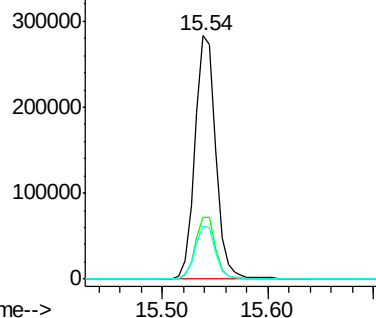
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

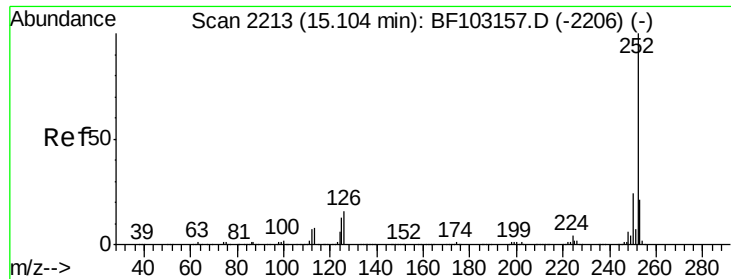


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.00 min
 Lab File: BF103207.D
 Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	388945		
260	25.5		19.2	28.8
265	21.8		17.5	26.3

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





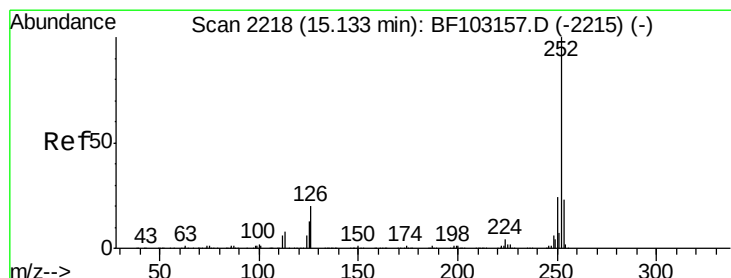
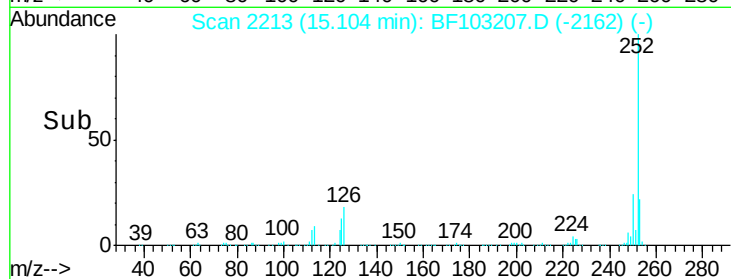
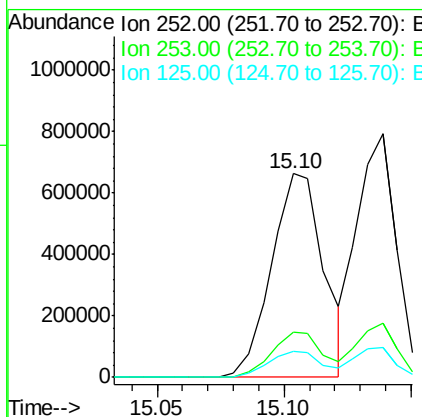
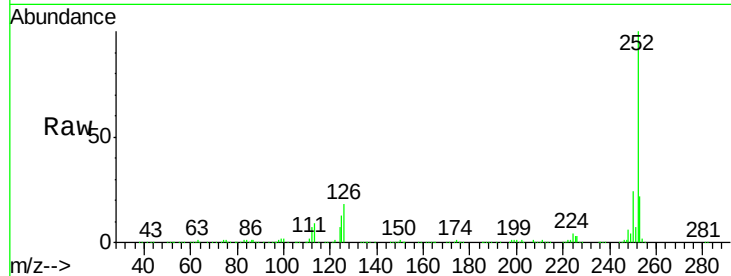
#87
Benzo(b)fluoranthene
Concen: 37.156 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampleId :
PB106778BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	12.9	9.0	13.6

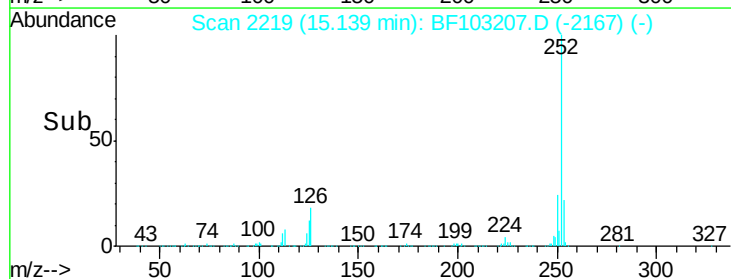
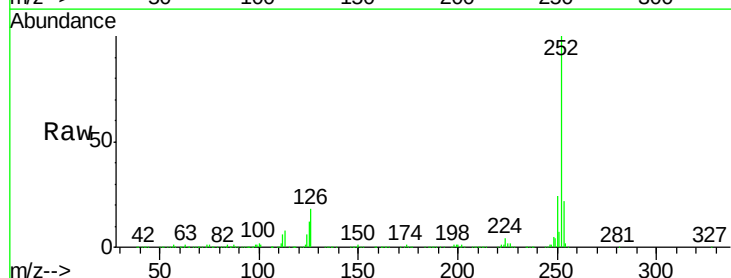
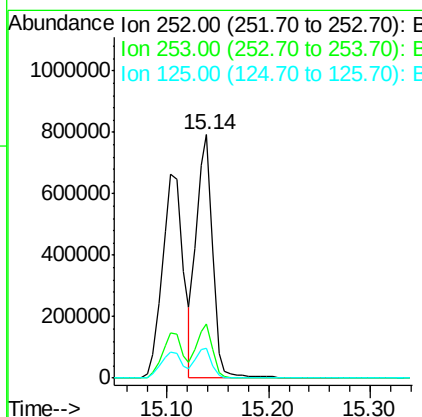
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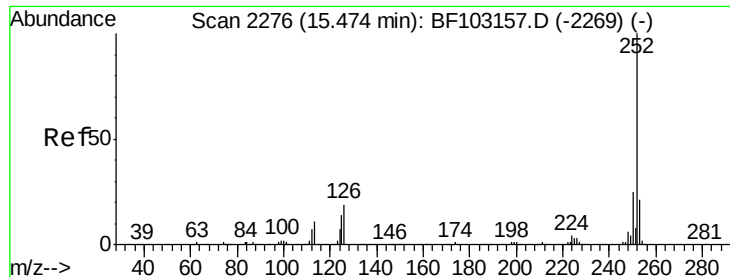
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#88
Benzo(k)fluoranthene
Concen: 36.451 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	12.2	10.2	15.2





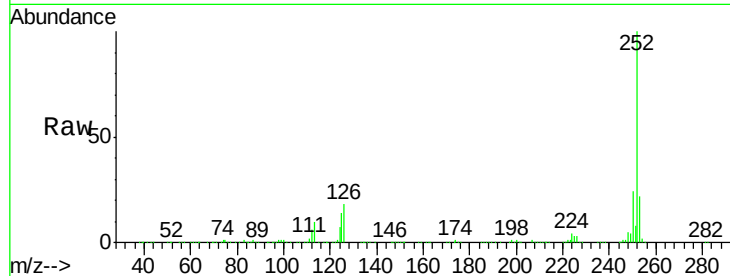
#89
Benzo(a)pyrene
Concen: 38.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Instrument :
BNA_F
ClientSampleId :
PB106778BS

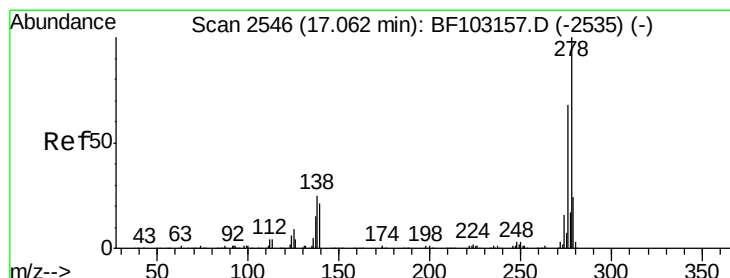
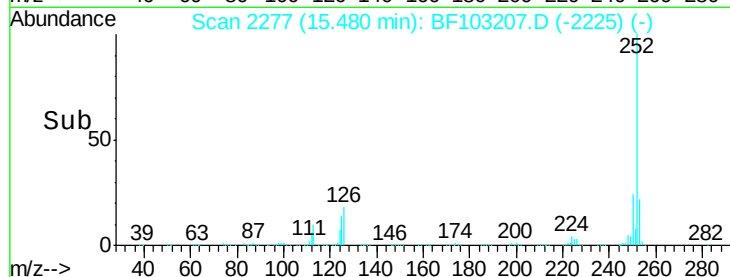
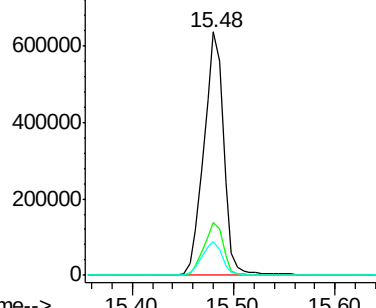
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	13.9	9.8	14.6

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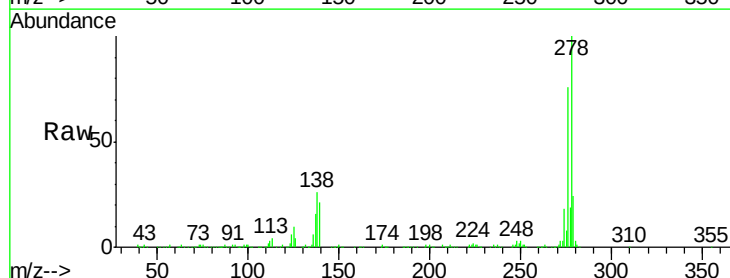


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

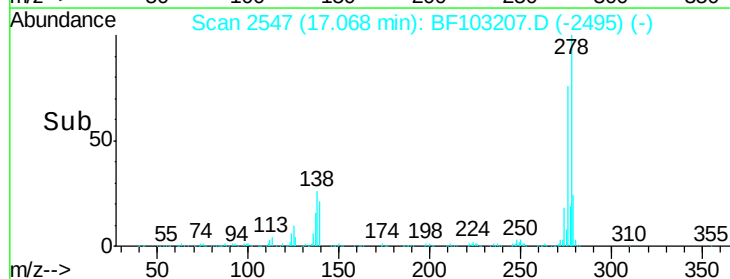
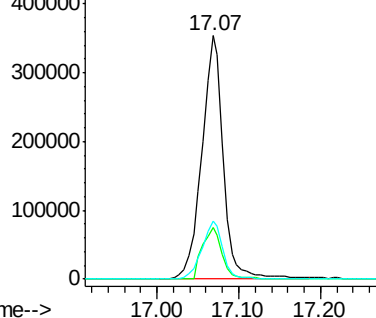


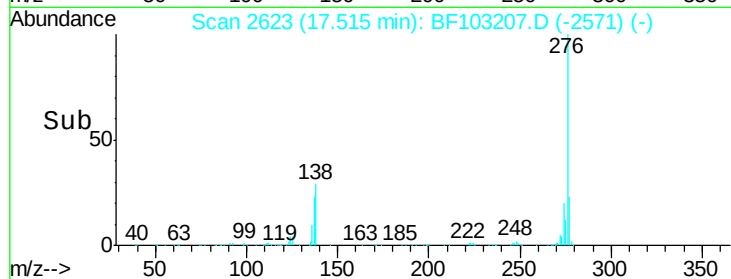
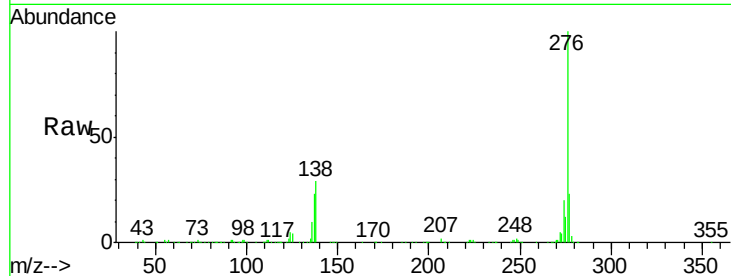
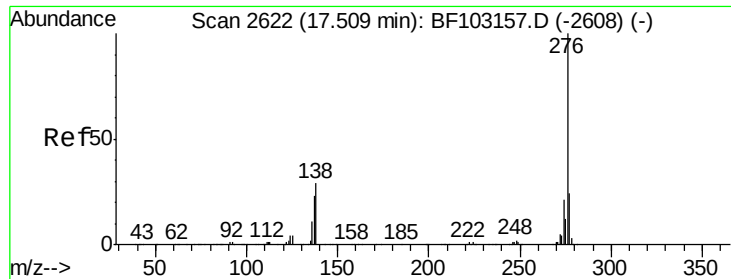
#90
Dibenzo(a,h)anthracene
Concen: 36.771 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF103207.D
Acq: 26 Feb 2018 10:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	15.9	23.9
279	23.8	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.016 ng

RT: 17.52 min Scan# 2623

Delta R.T. 0.01 min

Lab File: BF103207.D

Acq: 26 Feb 2018 10:08

Tot Ion:	276	Resp:	655624
Ion Ratio	Lower	Upper	
276	100		
277	22.8	17.9	26.9
138	29.0	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

PB106778BS

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