

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102773.D
 Acq On : 6 Feb 2018 10:21
 Operator : SJ/JU
 Sample : PB106315BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106315BS

Manual Integrations
 APPROVED

Sohil
 2/7/2018 4:16:05 PM

Quant Time: Feb 06 12:45:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	198355	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	843891	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	391081	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	697153	20.00	ng	0.00
75) Chrysene-d12	14.05	240	475396	20.00	ng	0.00
86) Perylene-d12	15.52	264	385704	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1469710	112.53	ng	0.02
7) Phenol-d6	6.52	99	1763928	112.16	ng	0.01
23) Nitrobenzene-d5	7.45	82	1115155	91.67	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	383534	121.84	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1859857	78.91	ng	0.00
78) Terphenyl-d14	12.99	244	1711163	85.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	231191	35.837	ng	# 86
3) Pyridine	3.52	79	656468	36.832	ng	87
4) n-Nitrosodimethylamine	3.46	42	323290	42.394	ng	96
6) Aniline	6.55	93	392696	16.909	ng	96
8) 2-Chlorophenol	6.67	128	543969	40.454	ng	95
9) Benzaldehyde	6.43	77	181950	15.579	ng	98
10) Phenol	6.53	94	685539	40.676	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	532055	37.938	ng	91
12) 1,3-Dichlorobenzene	6.82	146	571280	36.688	ng	98
13) 1,4-Dichlorobenzene	6.90	146	573825	36.994	ng	99
14) 1,2-Dichlorobenzene	7.05	146	527917	36.541	ng	100
15) Benzyl Alcohol	7.02	79	486347	40.224	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	977321	36.685	ng	96
17) 2-Methylphenol	7.13	107	484393	39.054	ng	98
18) Hexachloroethane	7.39	117	210828	39.637	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	375205	36.186	ng	95
20) 3+4-Methylphenols	7.29	107	563408	36.835	ng	# 72
22) Acetophenone	7.29	105	741607	35.912	ng	# 94
24) Nitrobenzene	7.46	77	589727	41.206	ng	99
25) Isophorone	7.70	82	1093563	39.039	ng	99
26) 2-Nitrophenol	7.78	139	311469	52.083	ng	97
27) 2,4-Dimethylphenol	7.82	122	523868	44.267	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	674412	40.642	ng	99
29) 2,4-Dichlorophenol	8.02	162	457783	42.552	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	449302	36.917	ng	99
31) Naphthalene	8.19	128	1546140	37.500	ng	99
32) Benzoic acid	7.94	122	402758	48.126	ng	95
33) 4-Chloroaniline	8.23	127	137581	7.746	ng	99
34) Hexachlorobutadiene	8.30	225	224968	36.073	ng	100
35) Caprolactam	8.62	113	166760m	44.634	ng	
36) 4-Chloro-3-methylphenol	8.72	107	508291	42.050	ng	97
37) 2-Methylnaphthalene	8.88	142	1039234	38.498	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	380072	35.693	ng	98
40) Hexachlorocyclopentadiene	9.03	237	440452	87.011	ng	99

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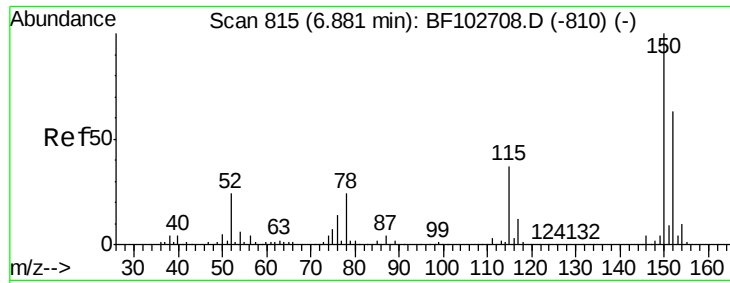
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 2/7/2018 4:16:05 PM

Quant Time: Feb 06 12:45:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	304403	43.522	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	327327	41.523	ng	96
45) 1,1'-Biphenyl	9.35	154	1198544	36.386	ng	99
46) 2-Chloronaphthalene	9.37	162	955775	36.856	ng	98
47) 2-Nitroaniline	9.46	65	349466	43.985	ng	90
48) Acenaphthylene	9.79	152	1463866	36.345	ng	100
49) Dimethylphthalate	9.65	163	1130171	37.063	ng	100
50) 2,6-Dinitrotoluene	9.70	165	259331	44.701	ng	95
51) Acenaphthene	9.96	154	991618	41.168	ng	98
52) 3-Nitroaniline	9.87	138	157538	22.069	ng	99
53) 2,4-Dinitrophenol	9.98	184	229892	100.102	ng	# 20
54) Dibenzofuran	10.13	168	1278641	37.668	ng	97
55) 4-Nitrophenol	10.04	139	480925	81.883	ng	95
56) 2,4-Dinitrotoluene	10.11	165	349211	45.082	ng	96
57) Fluorene	10.47	166	954758	38.658	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	248829	45.542	ng	98
59) Diethylphthalate	10.35	149	1109669	36.855	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	421719	38.599	ng	96
61) 4-Nitroaniline	10.49	138	283566	41.734	ng	91
62) Azobenzene	10.62	77	1097345	36.482	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	151857	51.147	ng	96
65) n-Nitrosodiphenylamine	10.58	169	901263	36.651	ng	98
66) 4-Bromophenyl-phenylether	10.95	248	270886	36.732	ng	95
67) Hexachlorobenzene	11.02	284	292782	35.988	ng	98
68) Atrazine	11.11	200	272960	37.626	ng	98
69) Pentachlorophenol	11.21	266	321509	67.322	ng	98
70) Phenanthrene	11.43	178	1401976	36.108	ng	99
71) Anthracene	11.49	178	1451365	36.752	ng	99
72) Carbazole	11.64	167	1353080	34.974	ng	99
73) Di-n-butylphthalate	11.97	149	1708963	36.364	ng	99
74) Fluoranthene	12.62	202	1432099	36.660	ng	99
76) Benzidine	12.74	184	227816	10.427	ng	98
77) Pyrene	12.85	202	1464844	39.295	ng	99
79) Butylbenzylphthalate	13.46	149	740467	41.664	ng	99
80) Benzo(a)anthracene	14.04	228	1157273	38.707	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	275512	24.853	ng	97
82) Chrysene	14.07	228	1103007	36.598	ng	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	949824	41.593	ng	98
84) Di-n-octyl phthalate	14.63	149	1478649	43.123	ng	99
85) Indeno(1,2,3-cd)pyrene	17.02	276	1017190	40.694	ng	99
87) Benzo(b)fluoranthene	15.09	252	982155	39.276	ng	99
88) Benzo(k)fluoranthene	15.12	252	917463	38.398	ng	99
89) Benzo(a)pyrene	15.46	252	900248	39.995	ng	97
90) Dibenzo(a,h)anthracene	17.04	278	829856	45.422	ng	99
91) Benzo(g,h,i)perylene	17.47	276	890908	49.820	ng	98

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



#1

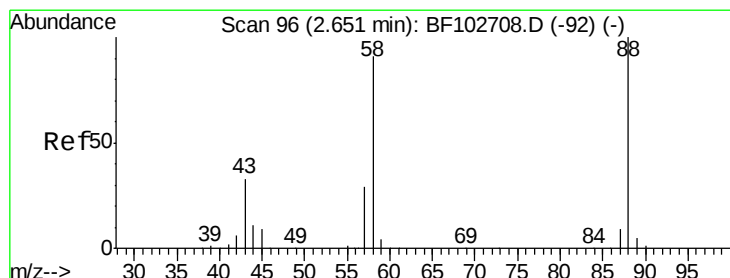
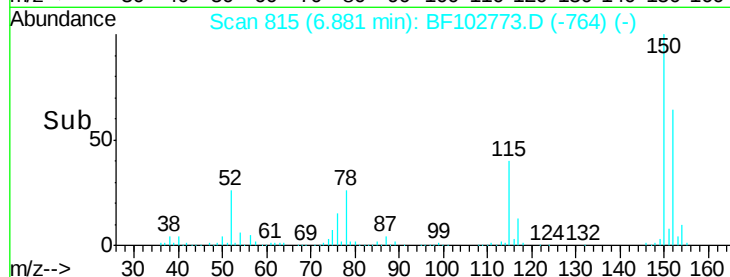
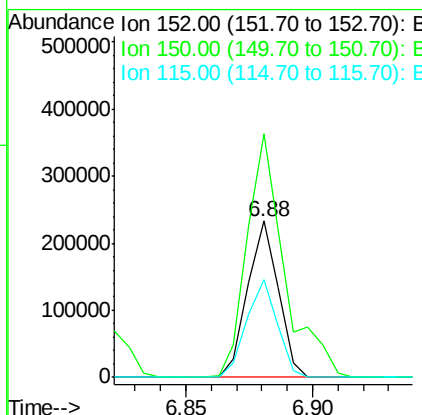
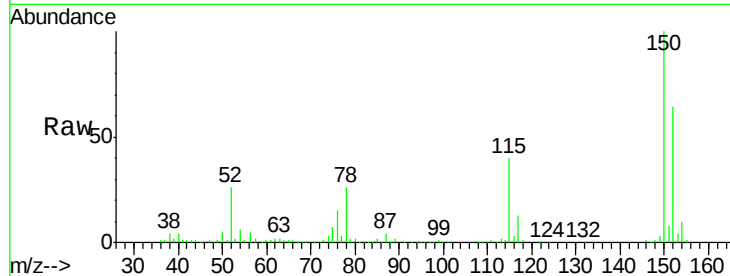
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Instrument :
BNA_F
ClientSampleId :
PB106315BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	62.2	50.1	75.1

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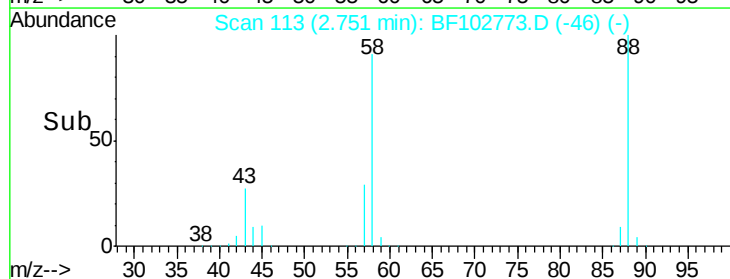
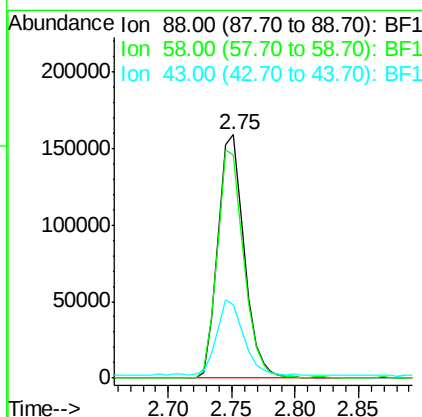
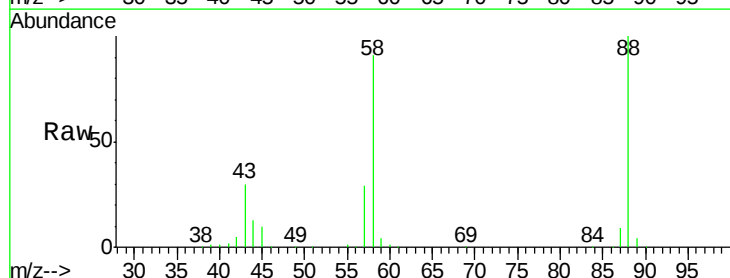
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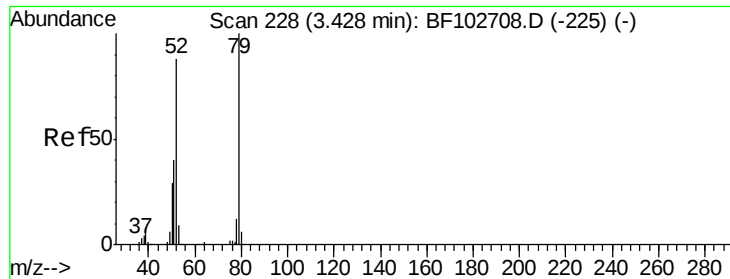


#2

1,4-Dioxane
Concen: 35.837 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.09 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.6	62.6	93.8#
43	31.8	24.6	37.0





#3

Pvridine

Concen: 36.832 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.09 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Instrument :

BNA_F

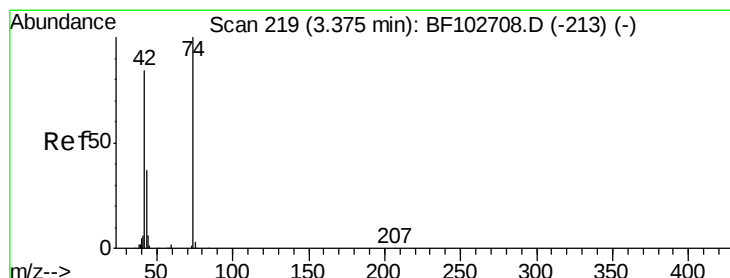
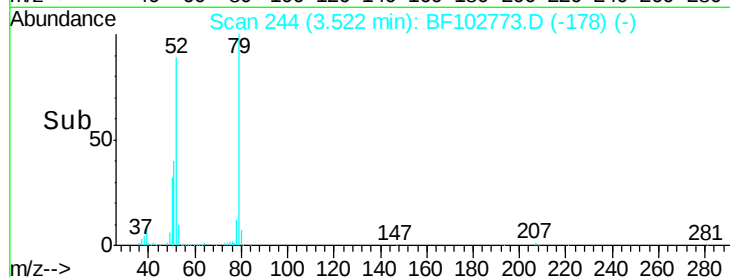
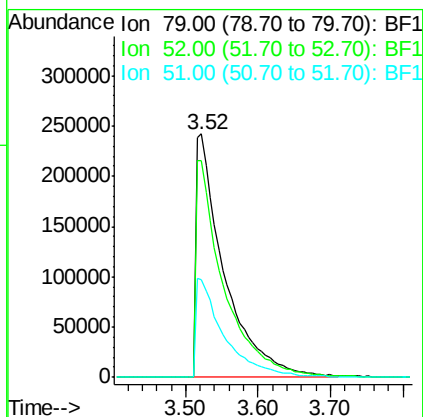
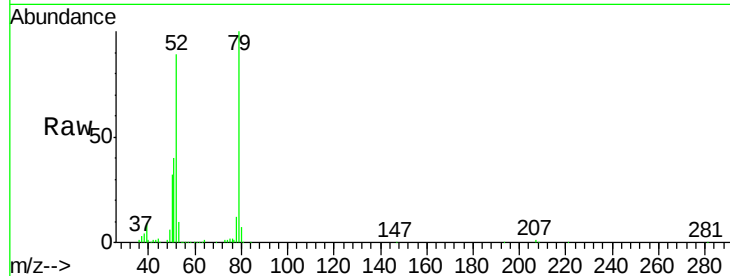
ClientSampleId :

PB106315BS

Tot Ion:	79	Resp:	656468
Ion Ratio	Lower	Upper	
79	100		
52	88.9	59.8	89.6
51	40.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 42.394 ng

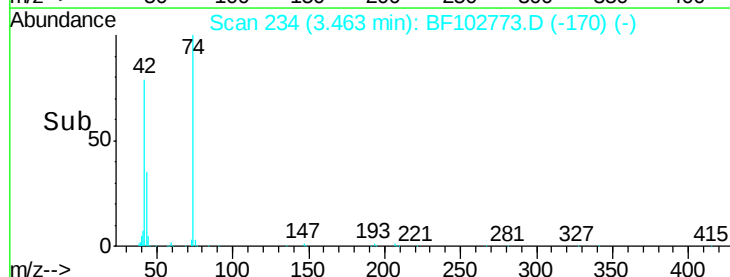
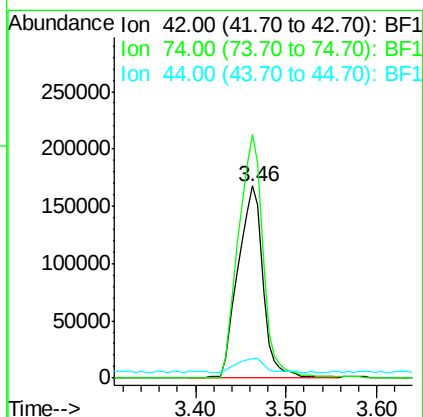
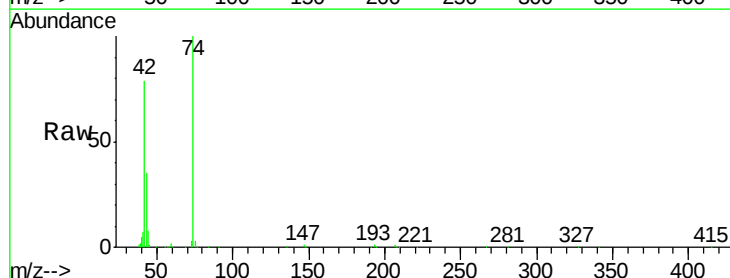
RT: 3.46 min Scan# 234

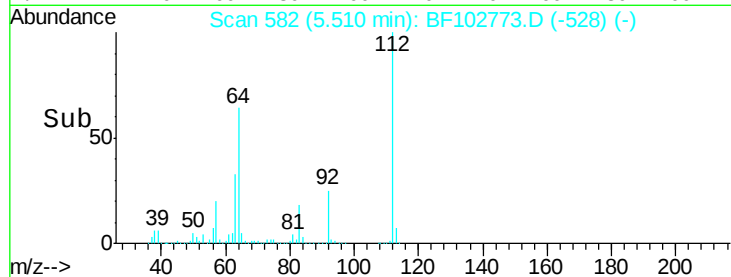
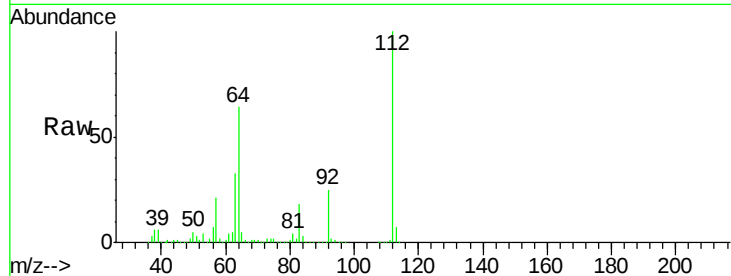
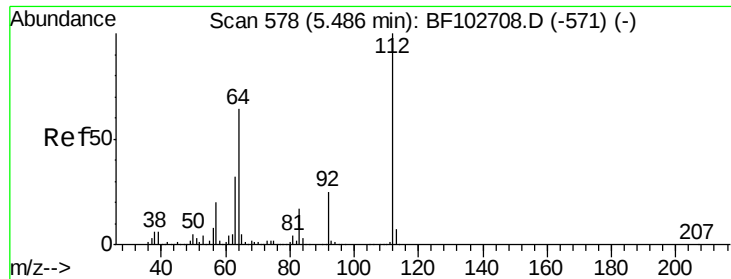
Delta R.T. 0.08 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Tgt Ion:	42	Resp:	323290
Ion Ratio	Lower	Upper	
42	100		
74	126.9	104.9	157.3
44	10.0	6.9	10.3





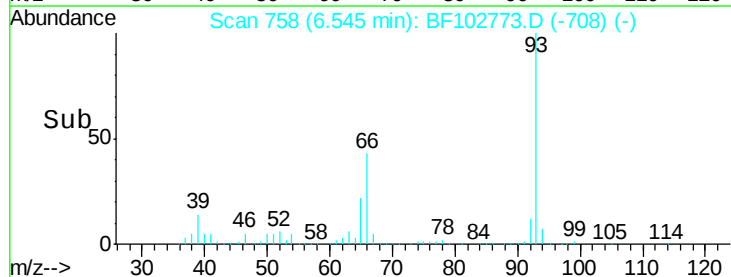
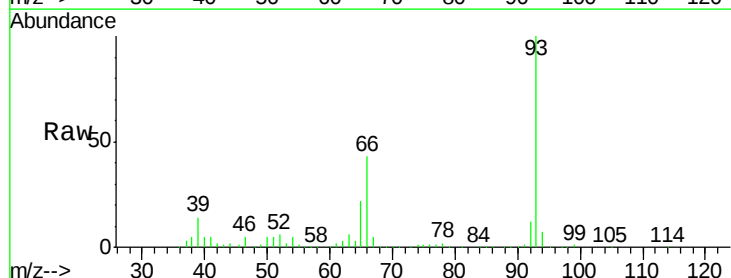
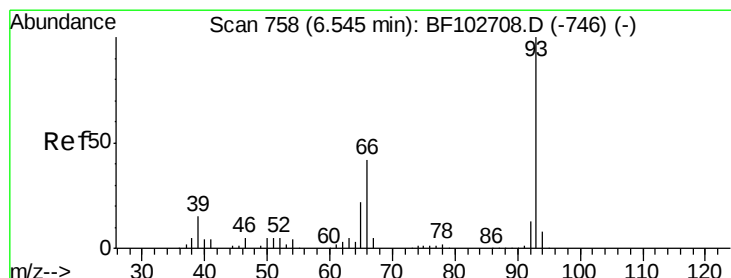
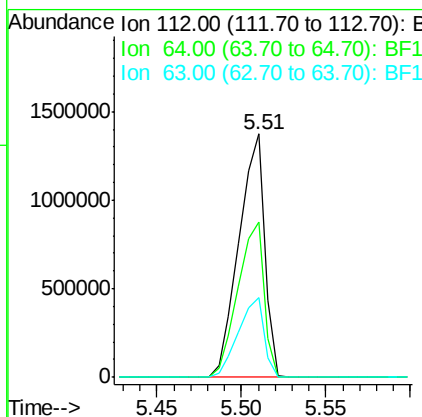
#5
2-Fluorophenol
Concen: 112.526 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tot Ion:112 Resp: 1469710
Ion Ratio Lower Upper
112 100
64 64.0 47.9 71.9
63 32.6 23.7 35.5

Instrument :
BNA_F
ClientSampleId :
PB106315BS

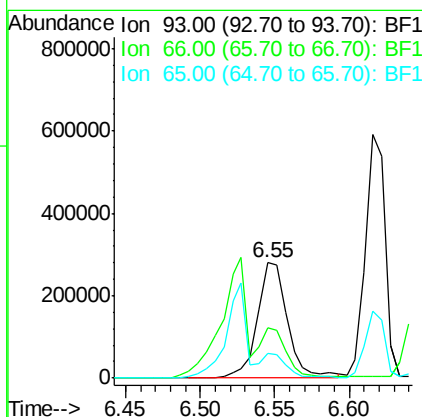
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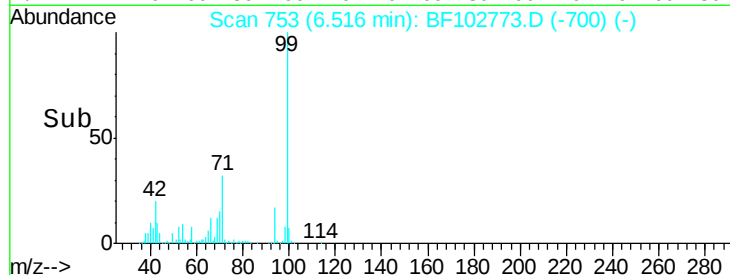
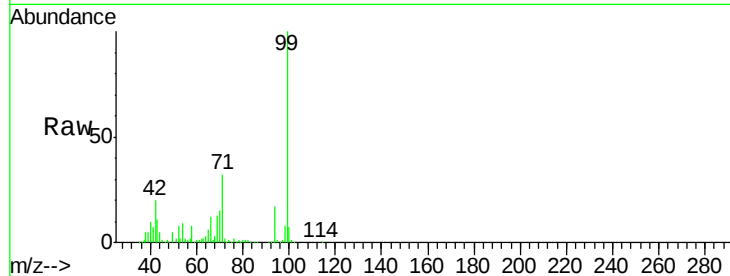
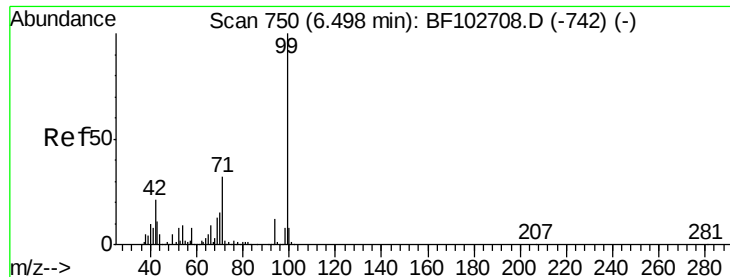
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#6
Aniline
Concen: 16.909 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tgt Ion: 93 Resp: 392696
Ion Ratio Lower Upper
93 100
66 43.2 32.2 48.2
65 21.9 16.4 24.6





#7

Phenol-d6

Concen: 112.163 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Tot Ion: 99 Resp: 1763928

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 32.1 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

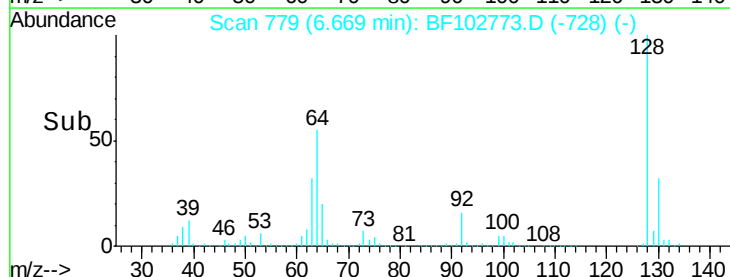
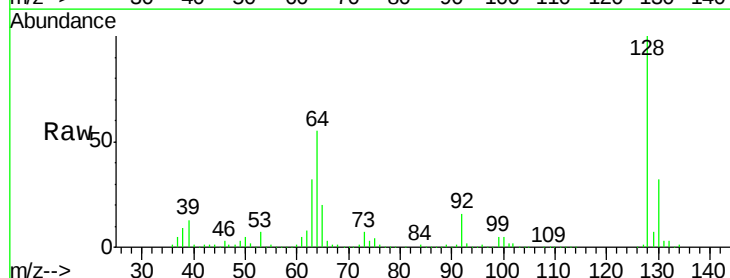
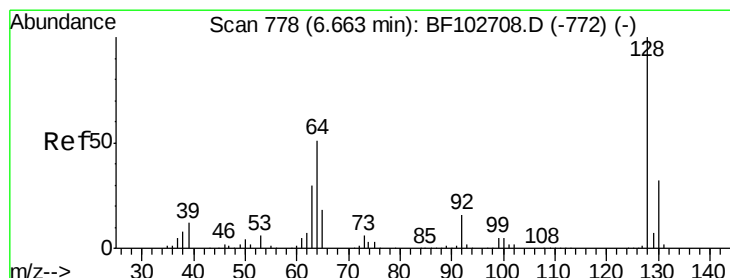
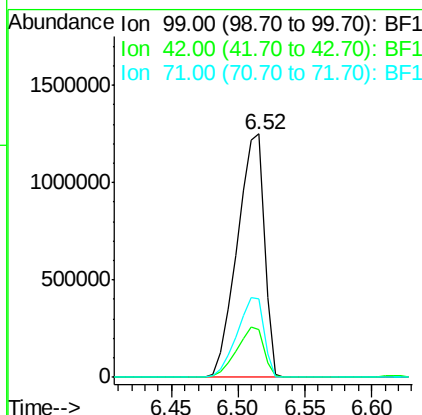
PB106315BS

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.454 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

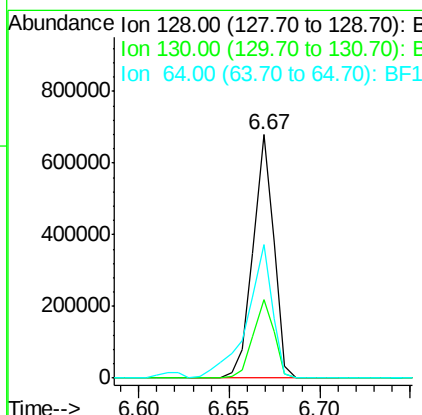
Tgt Ion:128 Resp: 543969

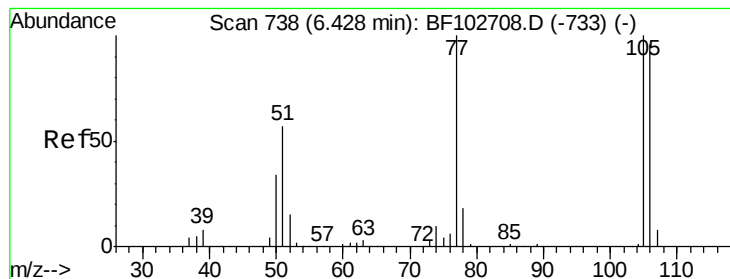
Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

64 54.7 29.4 69.4





#9

Benzaldehyde

Concen: 15.579 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Instrument :

BNA_F

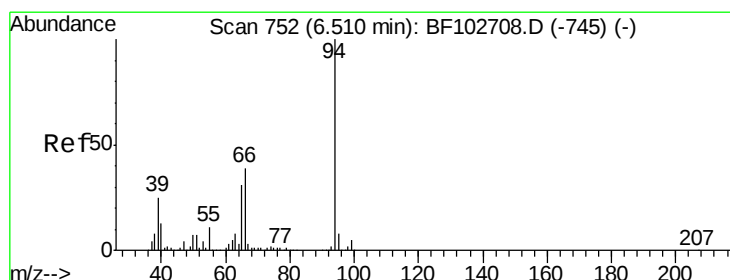
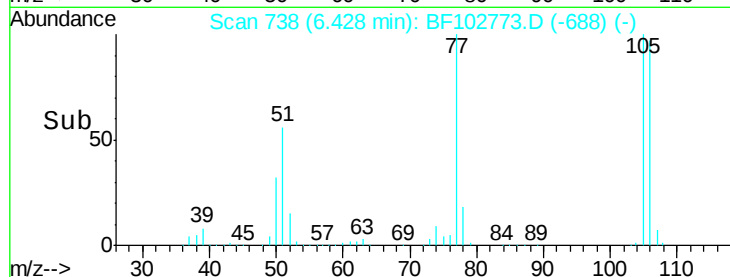
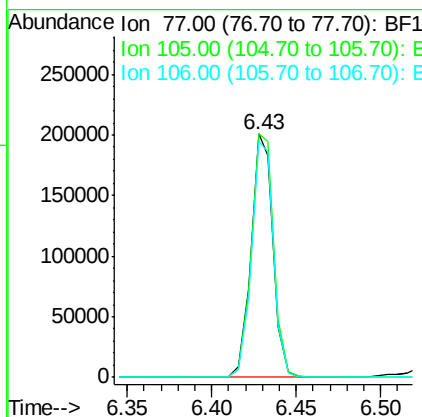
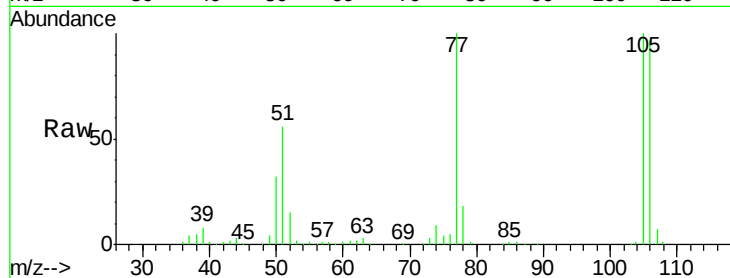
ClientSampled :

PB106315BS

Tot Ion:	77	Resp:	181950
Ion	Ratio	Lower	Upper
77	100		
105	99.8	81.1	121.1
106	97.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 40.676 ng

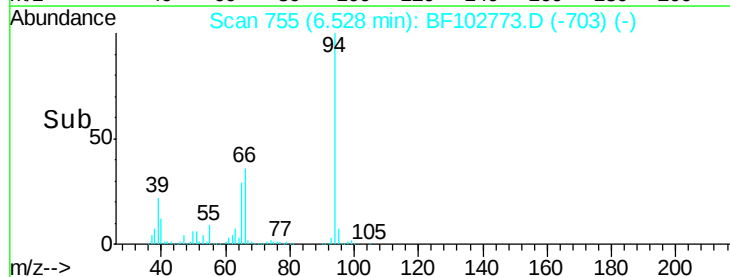
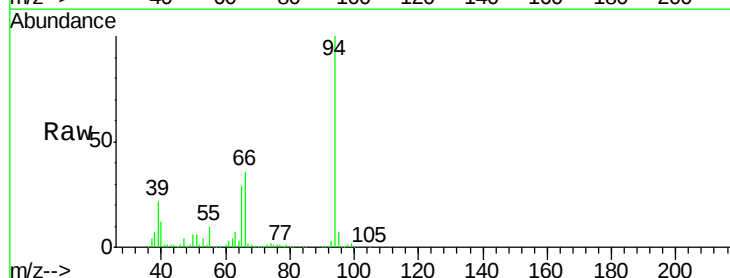
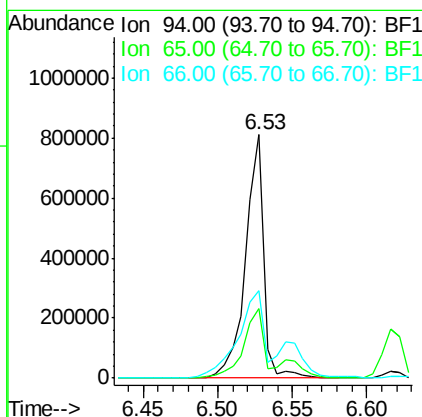
RT: 6.53 min Scan# 755

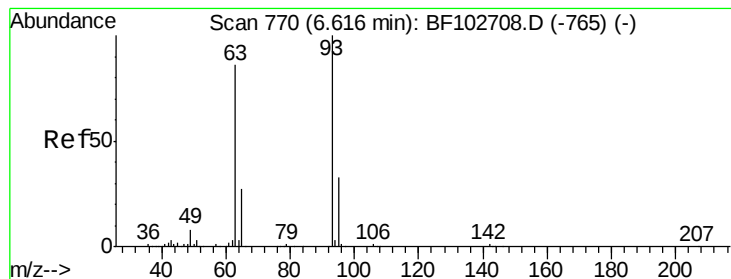
Delta R.T. 0.01 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Tgt Ion:	94	Resp:	685539
Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.9	47.9
66	36.1	16.2	56.2





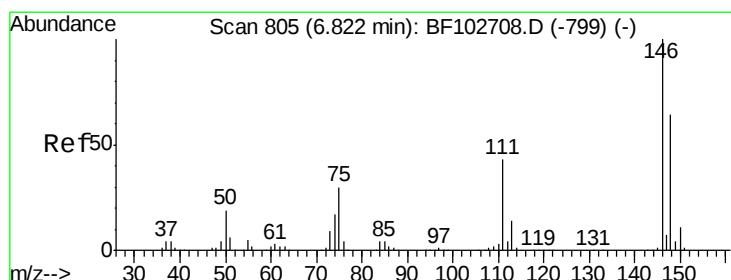
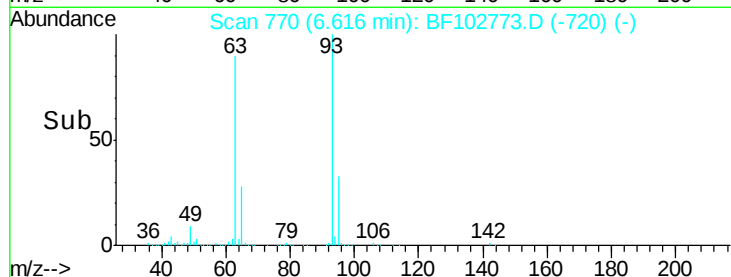
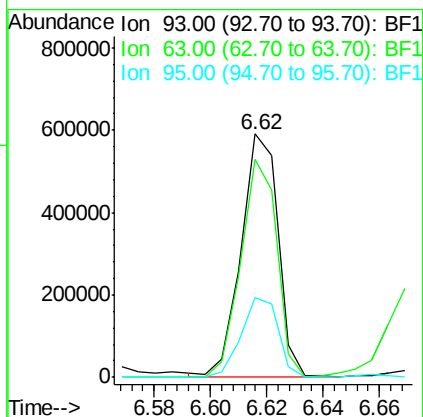
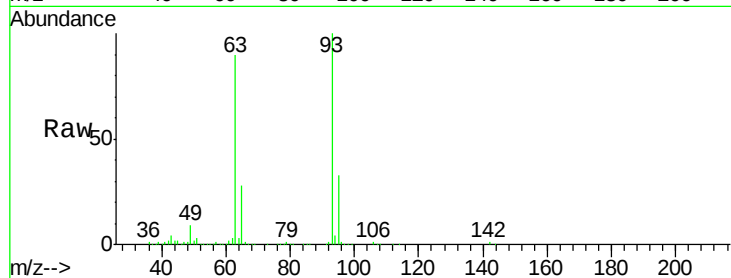
#11
bis(2-Chloroethyl)ether
Concen: 37.938 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Instrument :
BNA_F
ClientSampleId :
PB106315BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.6	58.6	98.6
95	32.5	11.8	51.8

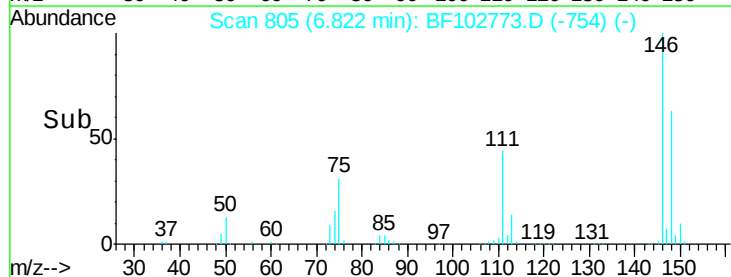
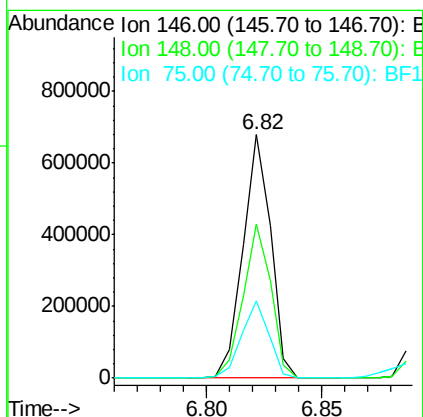
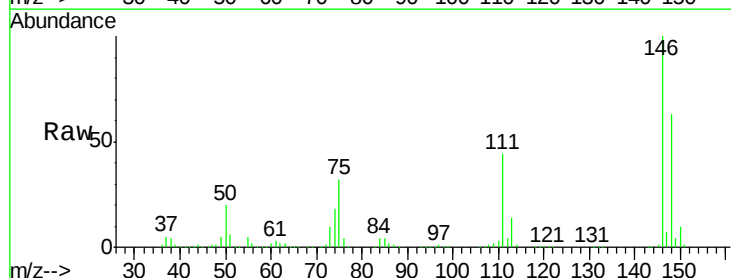
Manual Integrations
APPROVED

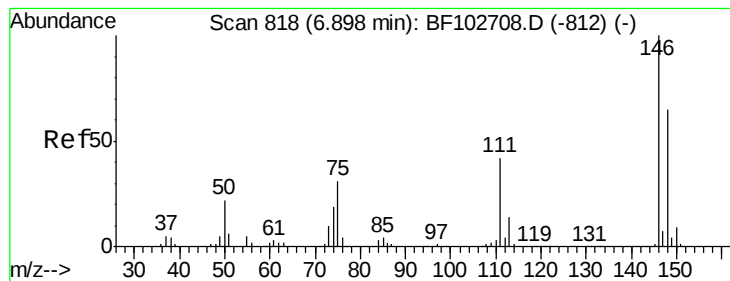
Sohil
2/7/2018 4:16:05 PM



#12
1,3-Dichlorobenzene
Concen: 36.688 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	31.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 36.994 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Instrument :

BNA_F

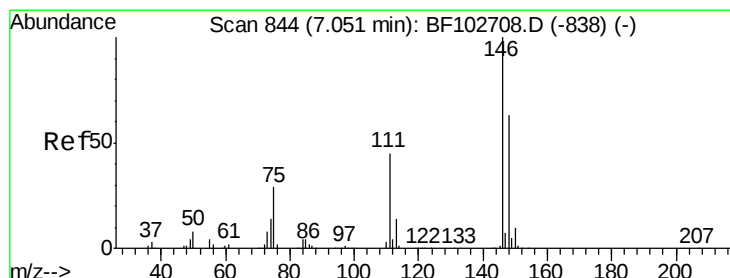
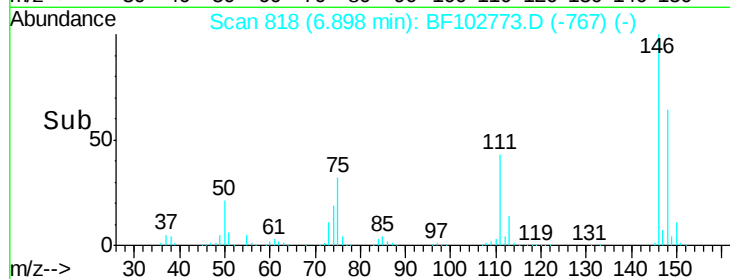
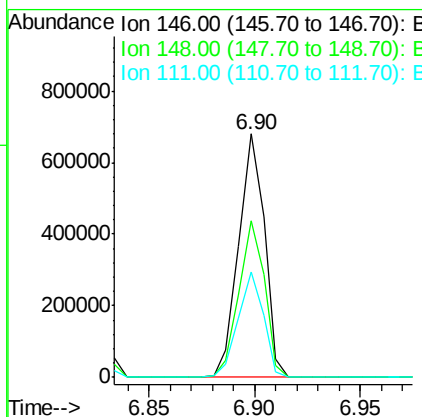
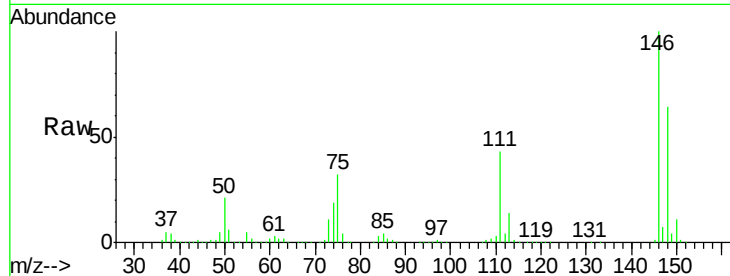
ClientSampleId :

PB106315BS

Tot Ion:	146	Resp:	573825
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.8	76.2
111	43.1	34.2	51.2

Manual Integrations
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2/7/2018 4:16:05 PM



#14

1,2-Dichlorobenzene

Concen: 36.541 ng

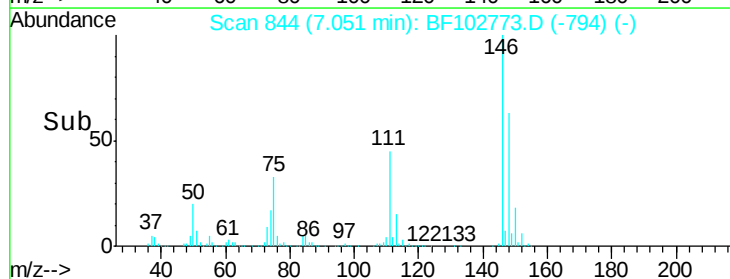
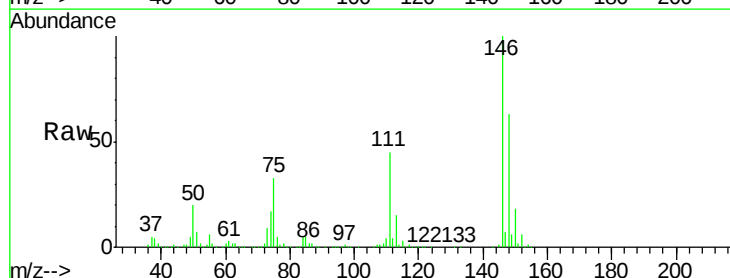
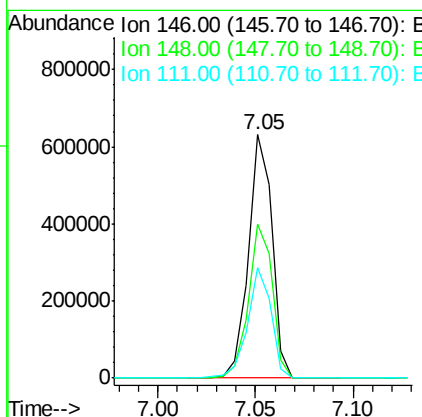
RT: 7.05 min Scan# 844

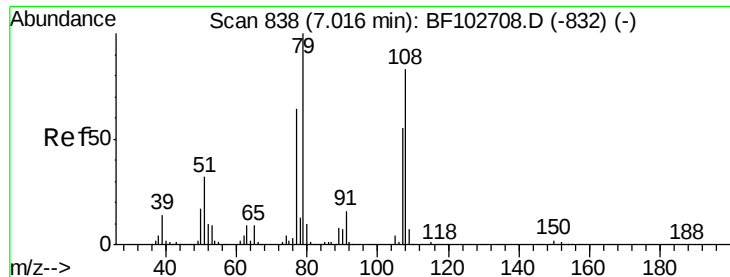
Delta R.T. -0.01 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Tgt Ion:	146	Resp:	527917
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.6	75.8
111	45.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.224 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Instrument :

BNA_F

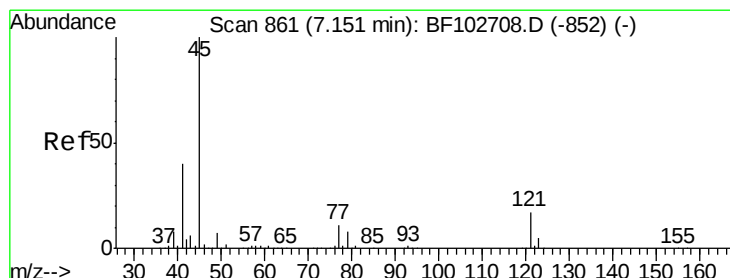
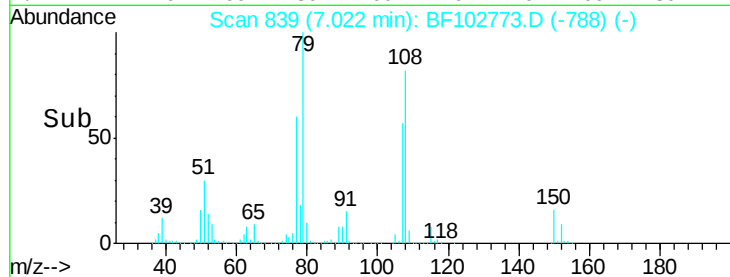
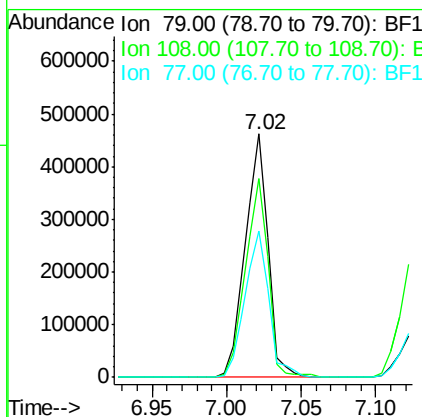
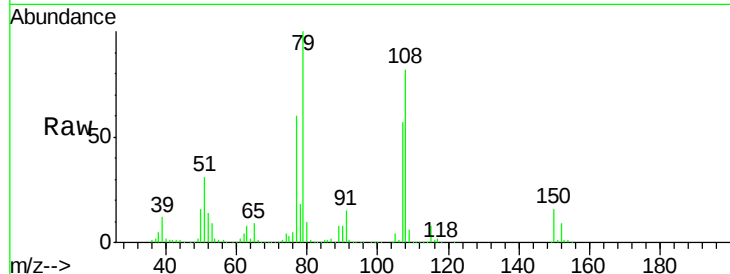
ClientSampleId :

PB106315BS

Tot Ion:	79	Resp:	486347
Ion Ratio	Lower	Upper	
79	100		
108	81.7	65.1	97.7
77	60.3	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.685 ng

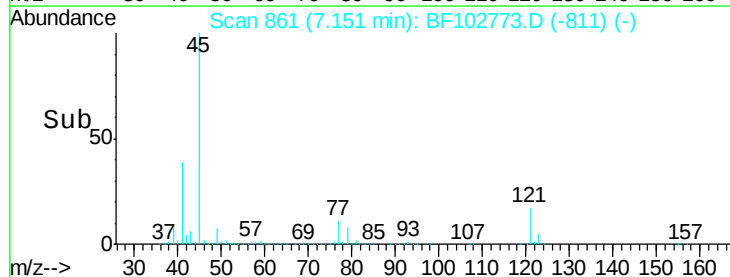
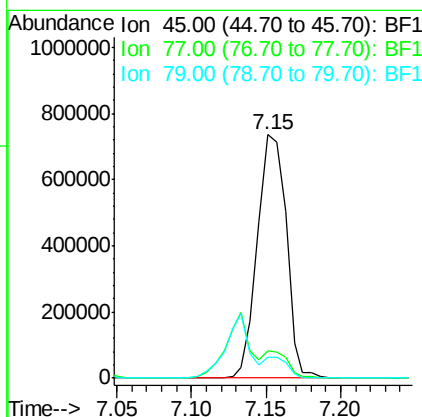
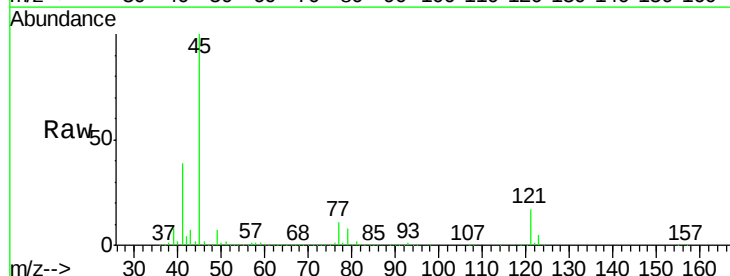
RT: 7.15 min Scan# 861

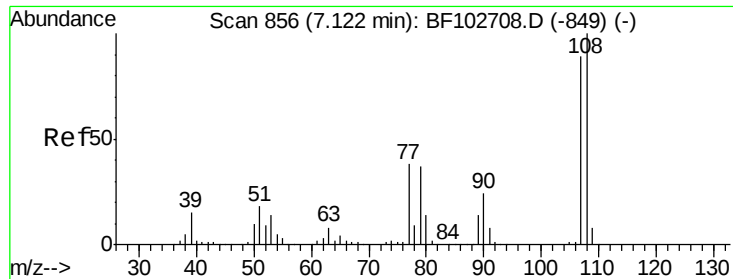
Delta R.T. -0.01 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Tgt Ion:	45	Resp:	977321
Ion Ratio	Lower	Upper	
45	100		
77	11.4	0.0	32.9
79	8.3	0.0	29.6





#17

2-Methylphenol

Concen: 39.054 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Instrument :

BNA_F

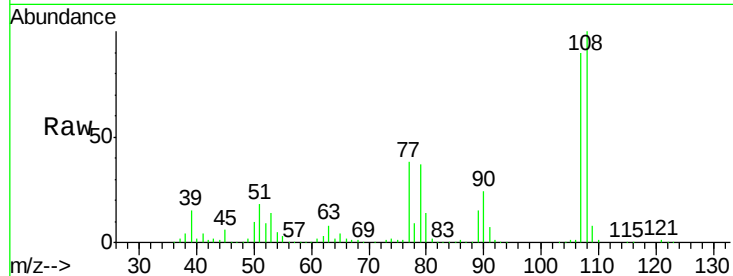
ClientSampleId :

PB106315BS

Tot Ion:	107	Resp:	484393
Ion Ratio	Lower	Upper	
107	100		
108	111.7	91.7	137.5
77	42.4	33.8	50.8
79	41.4	33.8	50.8

Manual Integrations
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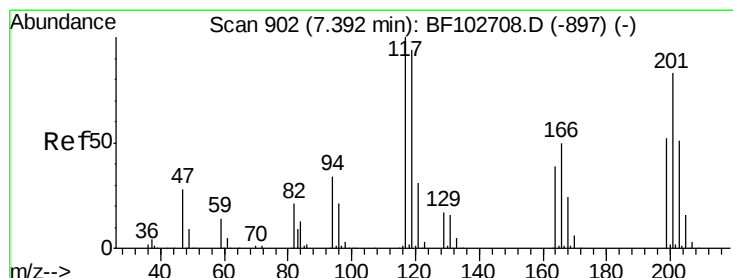
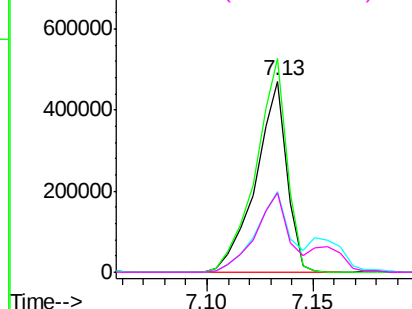
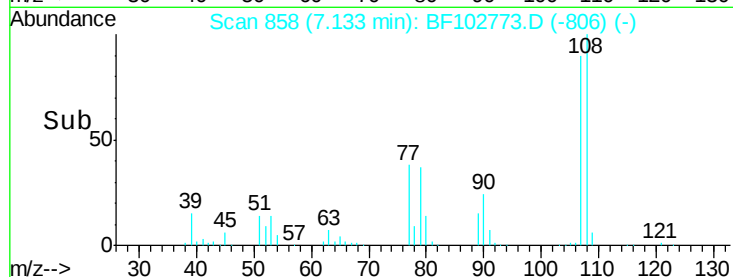


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.637 ng

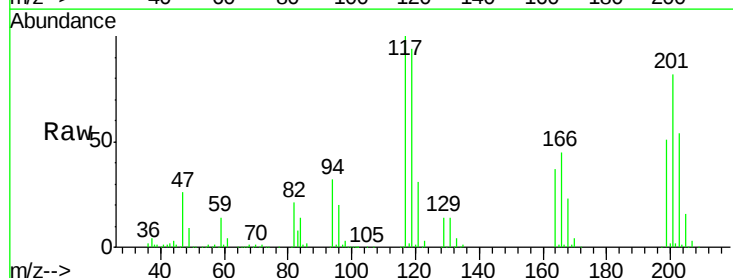
RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

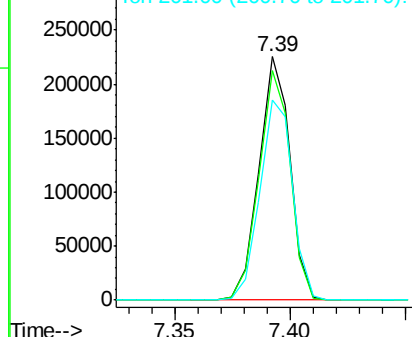
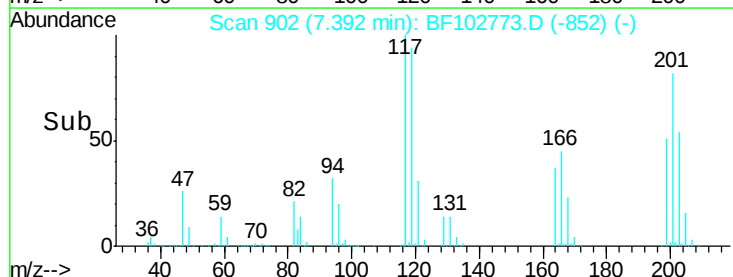
Tgt Ion:	117	Resp:	210828
Ion Ratio	Lower	Upper	
117	100		
119	94.1	75.8	113.8
201	82.3	75.7	113.5

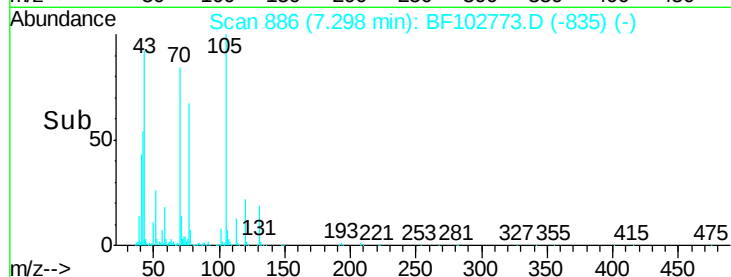
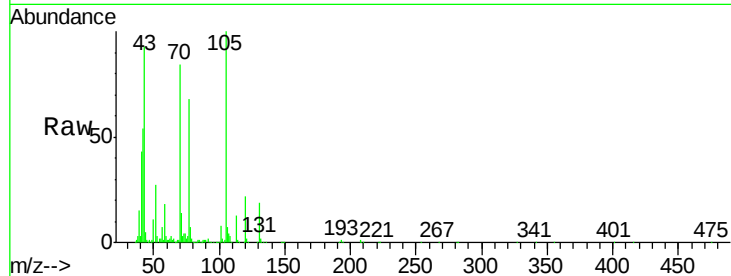
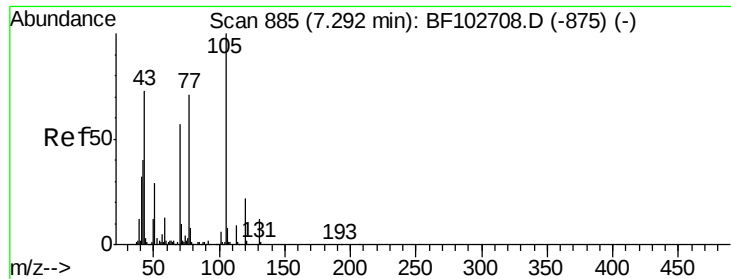


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

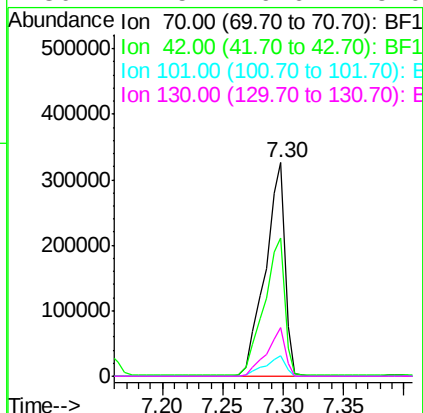
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 36.186 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

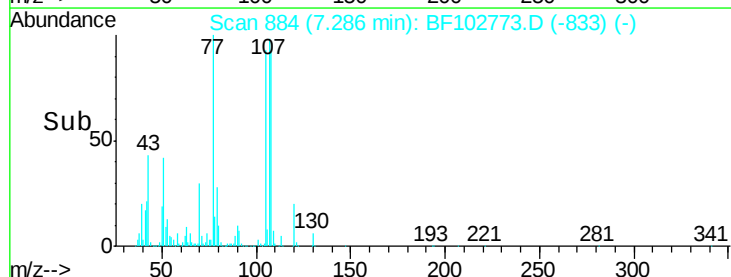
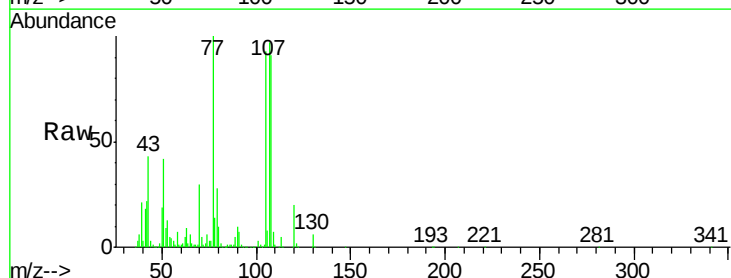
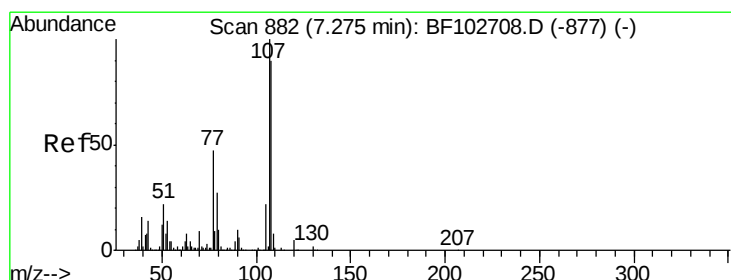
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		375205		
42	64.5	47.5	71.3		
101	9.5	7.4	11.2		
130	22.5	16.6	25.0		



Instrument :
BNA_F
ClientSampleId :
PB106315BS

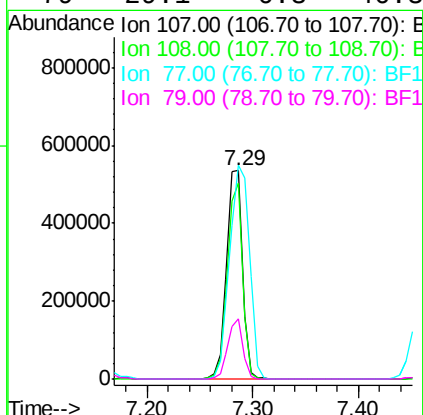
Manual Integrations
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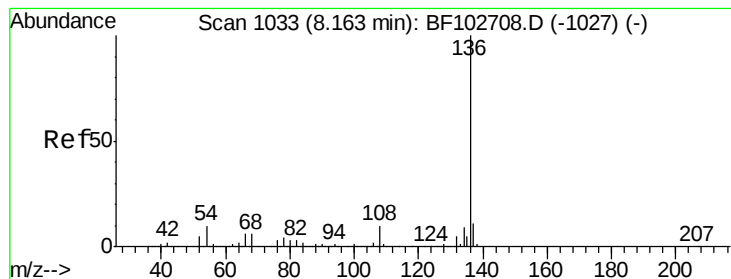
Sohil
2/7/2018 4:16:05 PM



#20
3+4-Methylphenols
Concen: 36.835 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		563408		
108	93.8	68.2	108.2		
77	102.6	26.7	66.7#		
79	29.1	6.3	46.3		





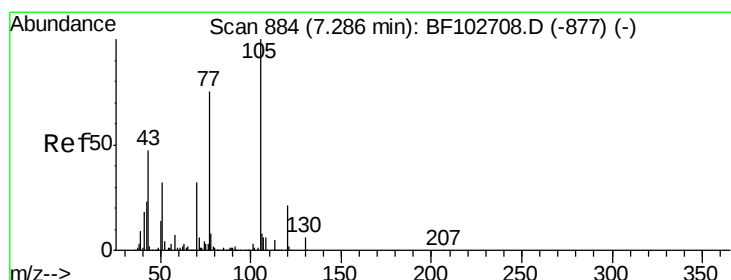
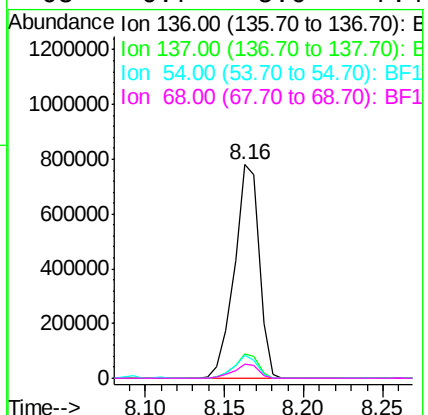
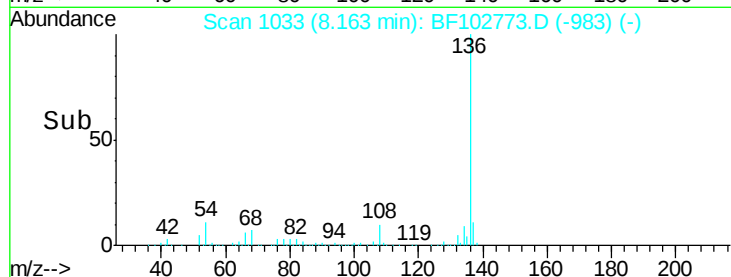
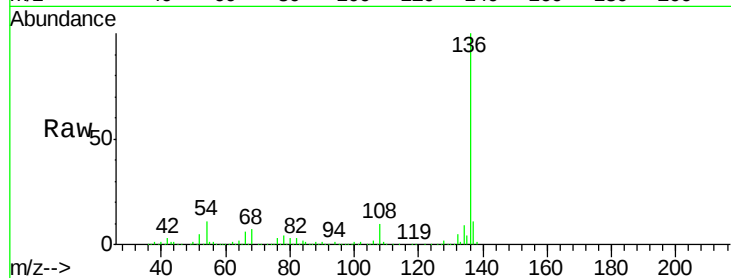
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Instrument :
BNA_F
ClientSampleId :
PB106315BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.9	13.3	
54	10.6	6.6	9.8	
68	6.7	5.0	7.4	

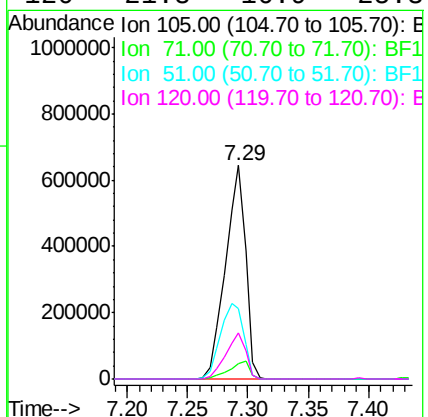
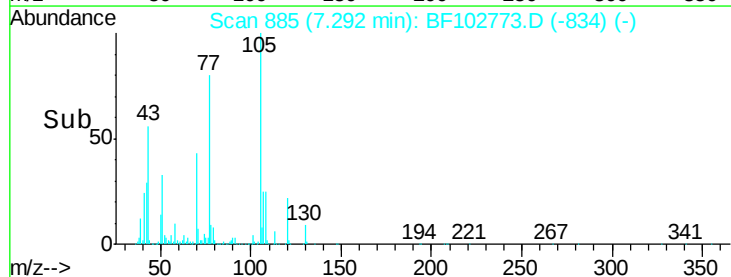
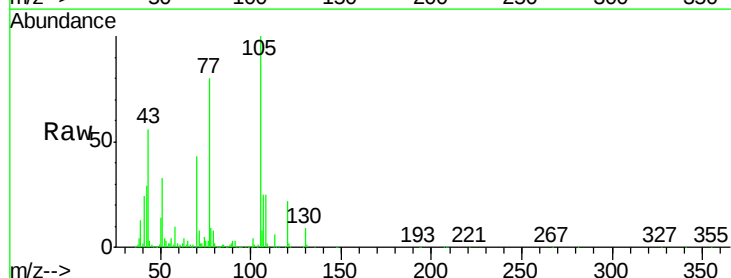
Manual Integrations
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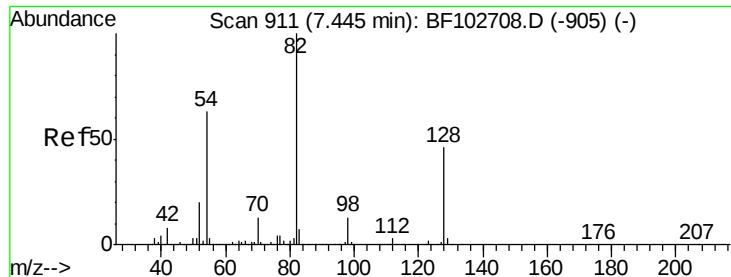
Sohil
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#22
Acetophenone
Concen: 35.912 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.5	4.4	6.6	
51	32.8	22.3	33.5	
120	21.8	16.9	25.3	





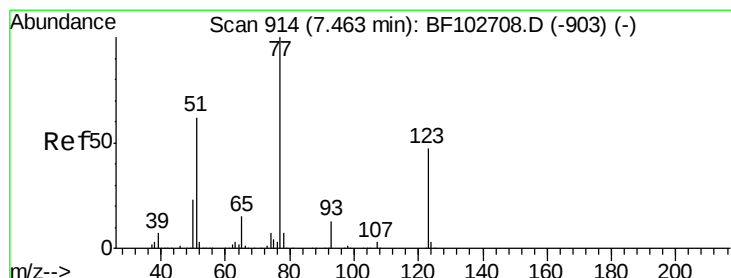
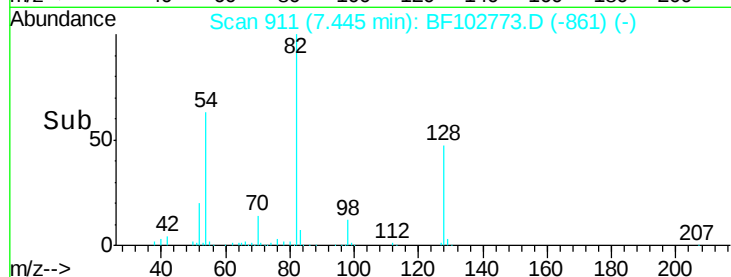
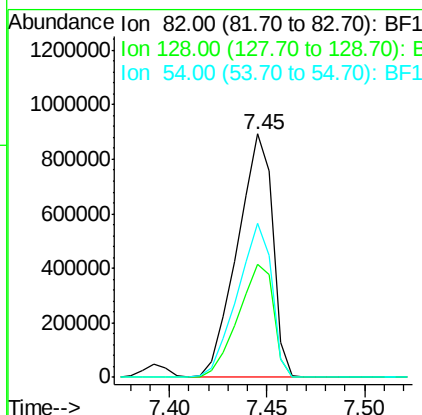
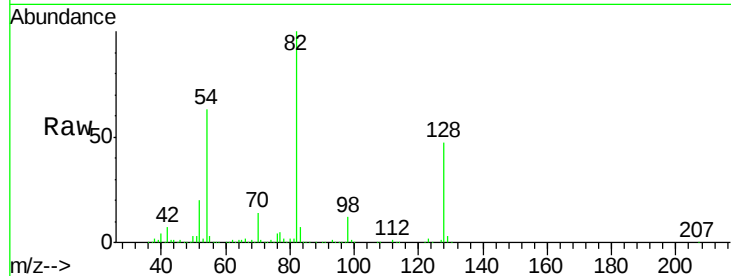
#23
Nitrobenzene-d5
Concen: 91.669 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Instrument :
BNA_F
ClientSampleId :
PB106315BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	63.1	41.4	62.2

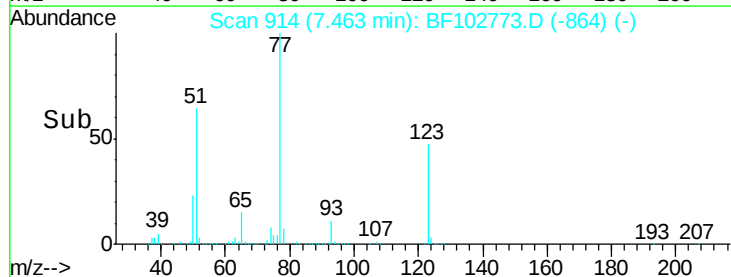
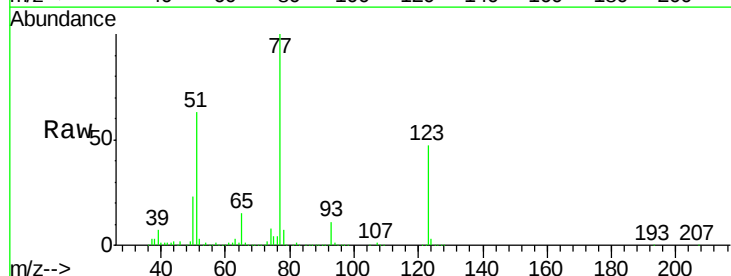
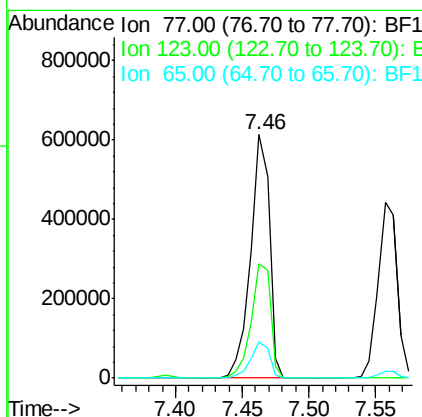
Manual Integrations
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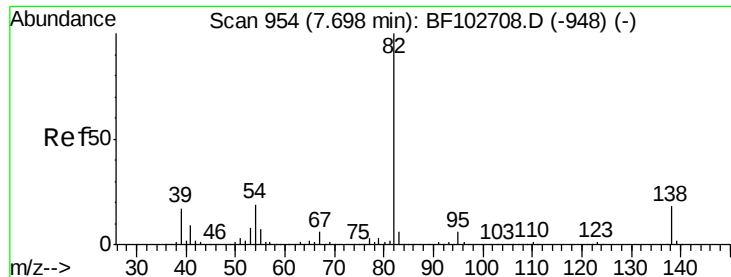
Sohil
2/7/2018 4:16:05 PM



#24
Nitrobenzene
Concen: 41.206 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.9	56.9
65	14.9	11.0	16.4





#25

Isophorone

Concen: 39.039 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB106315BS

Tot Ion: 82 Resp: 1093563

Ion Ratio Lower Upper

82 100

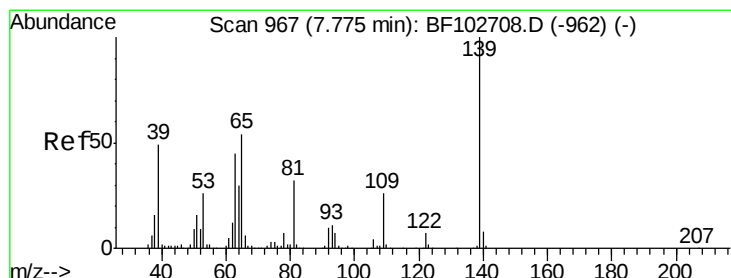
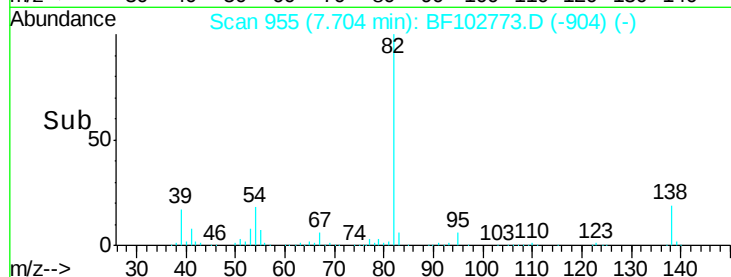
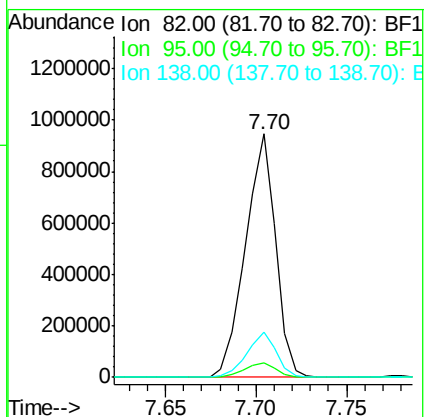
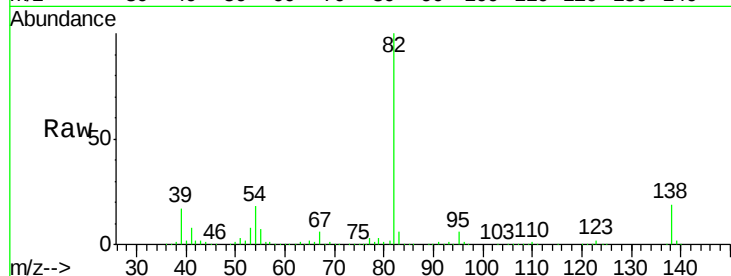
95 6.0 5.2 7.8

138 18.7 14.9 22.3

Manual Integrations
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2/7/2018 4:16:05 PM



#26

2-Nitrophenol

Concen: 52.083 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

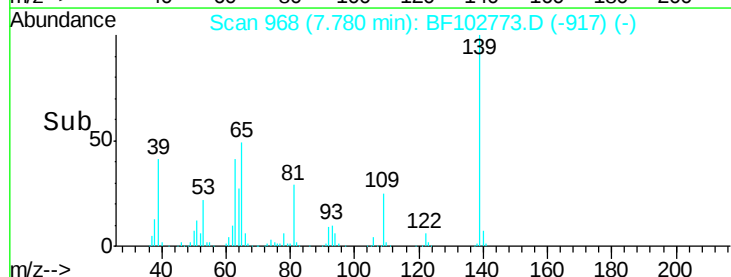
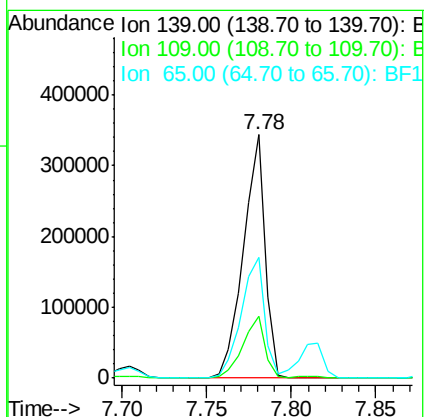
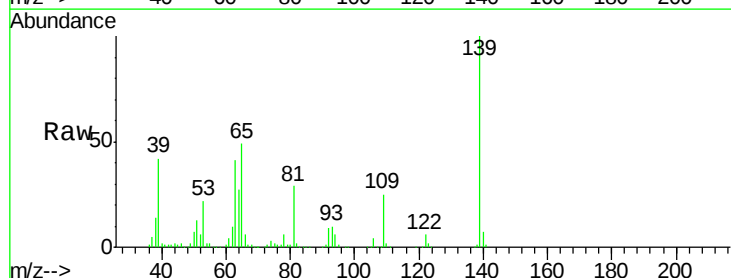
Tgt Ion: 139 Resp: 311469

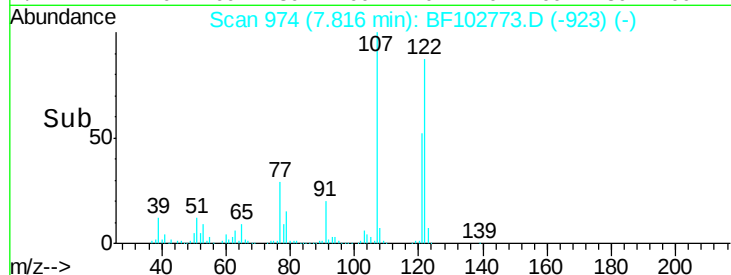
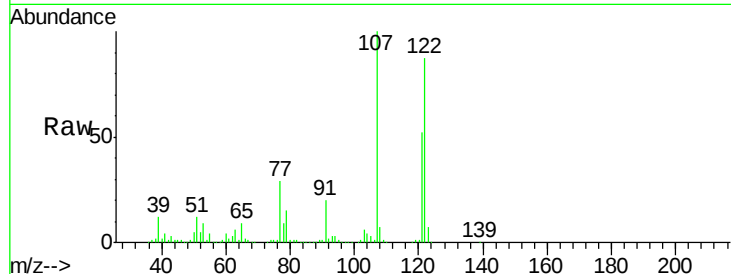
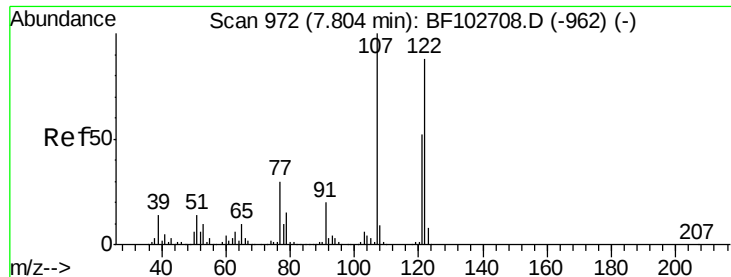
Ion Ratio Lower Upper

139 100

109 25.4 22.7 34.1

65 49.5 40.5 60.7





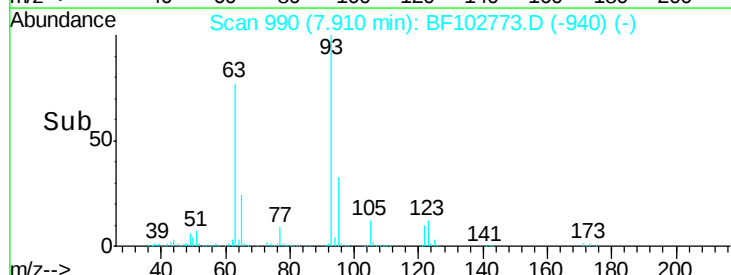
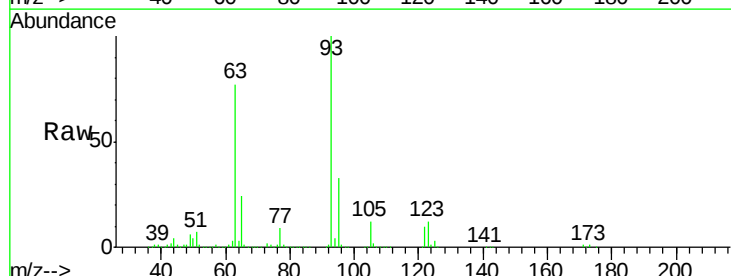
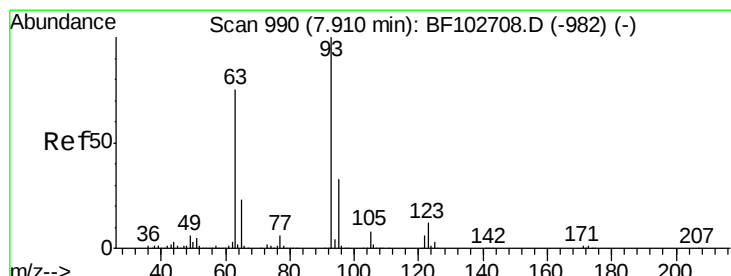
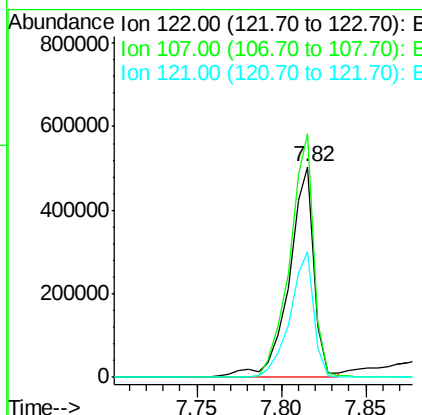
#27
2,4-Dimethylphenol
Concen: 44.267 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	115.5	91.2	136.8	
121	59.9	47.2	70.8	

Instrument :
BNA_F
ClientSampleId :
PB106315BS

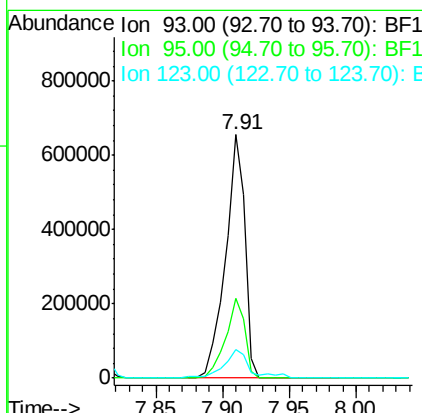
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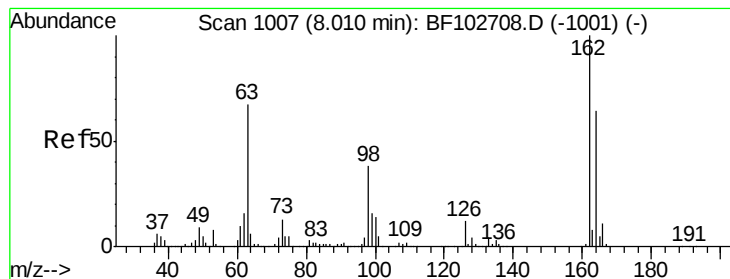
Sohil
2/7/2018 4:16:05 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.642 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.7	26.3	39.5	
123	11.8	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 42.552 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Instrument :

BNA_F

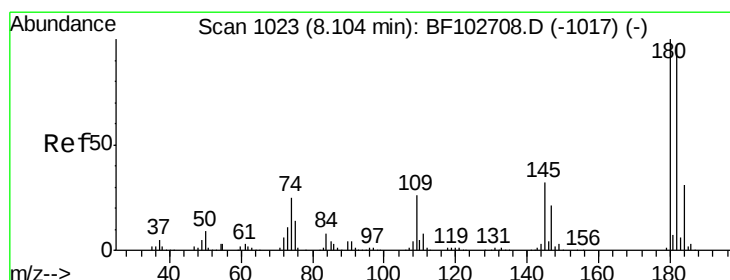
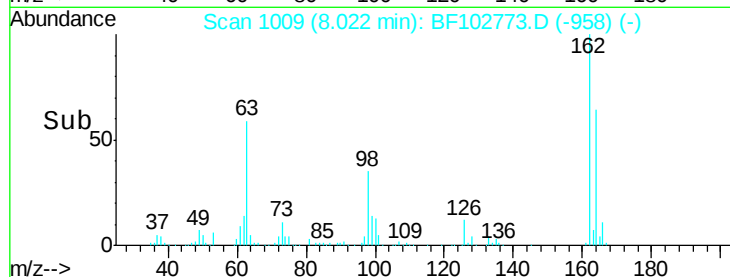
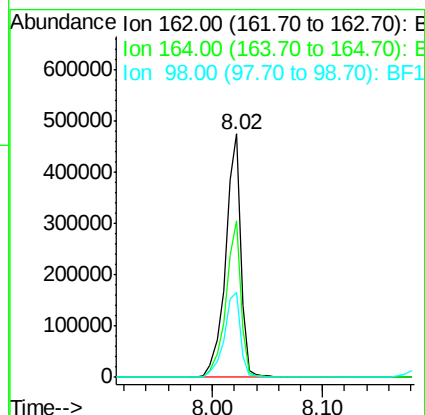
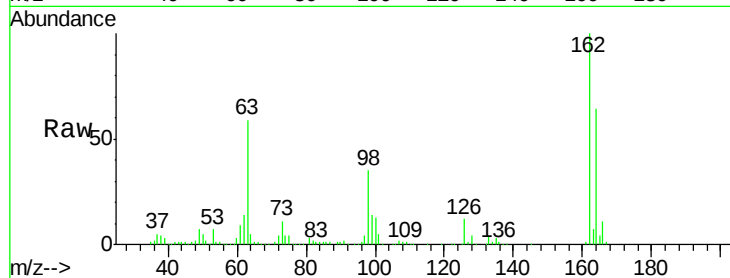
ClientSampleId :

PB106315BS

Tot Ion:	162	Resp:	457783
Ion Ratio	Lower	Upper	
162	100		
164	64.3	42.7	82.7
98	35.1	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 36.917 ng

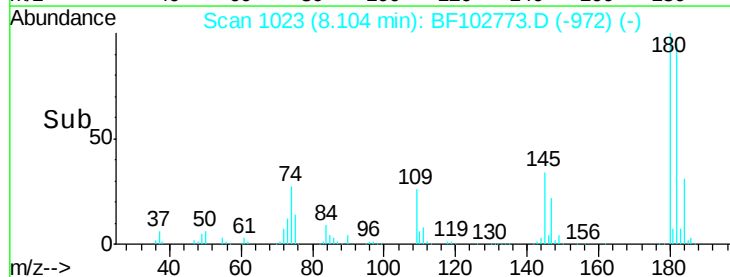
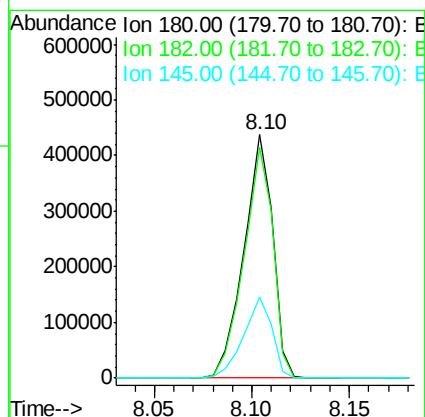
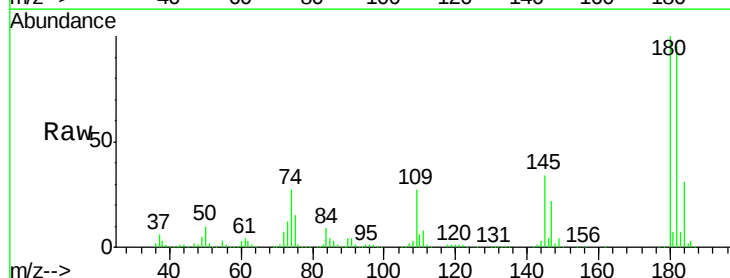
RT: 8.10 min Scan# 1023

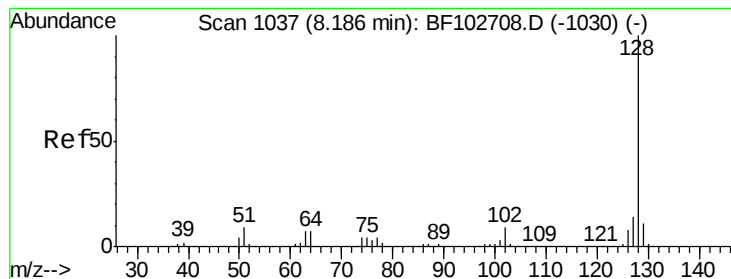
Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Tgt Ion:	180	Resp:	449302
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.8	115.2
145	33.5	26.5	39.7





#31

Naphthalene

Concen: 37.500 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB106315BS

Tot Ion:128 Resp: 1546140

Ion Ratio Lower Upper

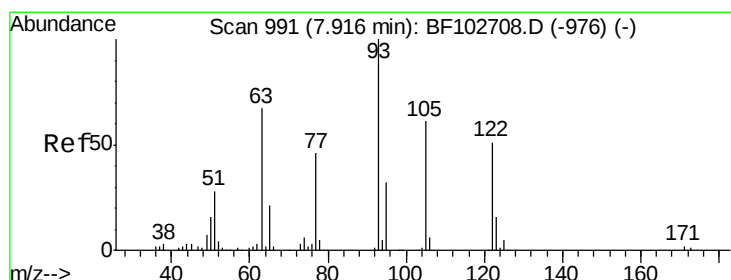
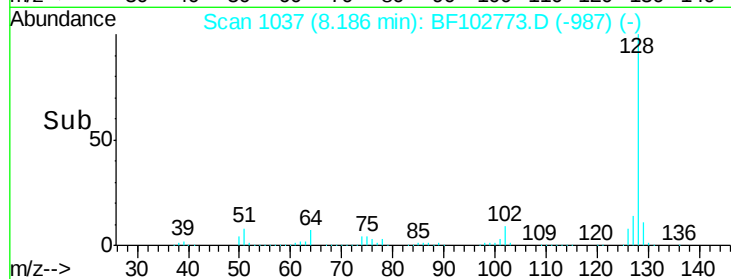
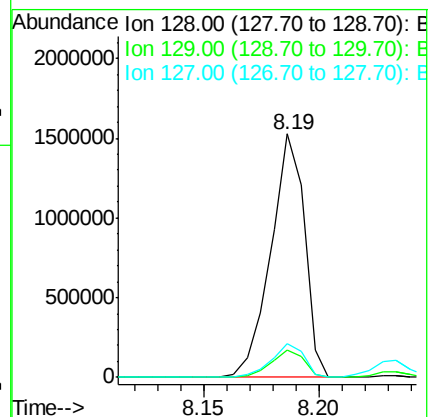
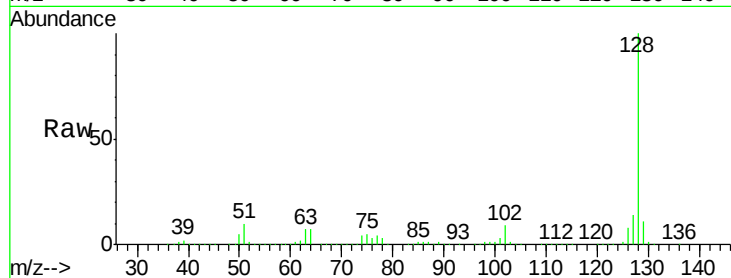
128 100

129 11.4 8.8 13.2

127 13.9 10.9 16.3

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#32

Benzoic acid

Concen: 48.126 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

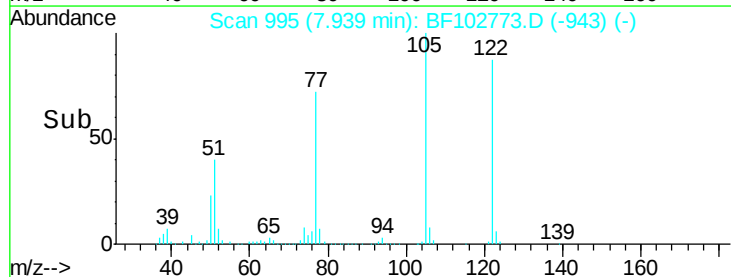
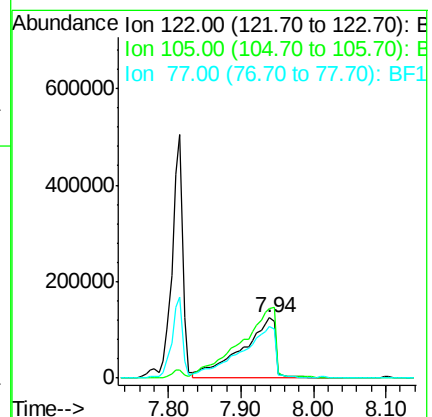
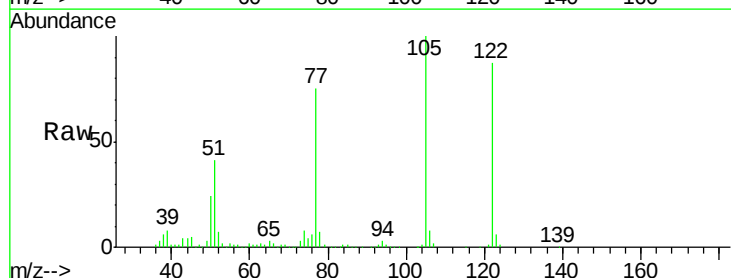
Tgt Ion:122 Resp: 402758

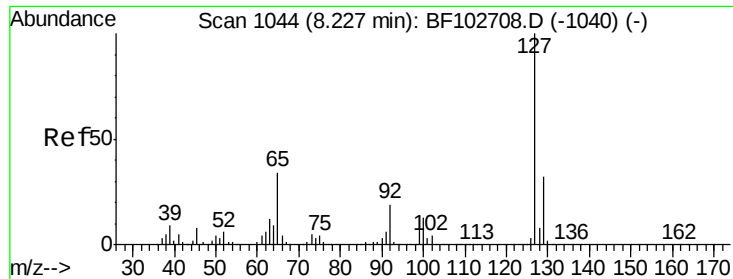
Ion Ratio Lower Upper

122 100

105 115.6 101.1 141.1

77 86.5 70.7 110.7





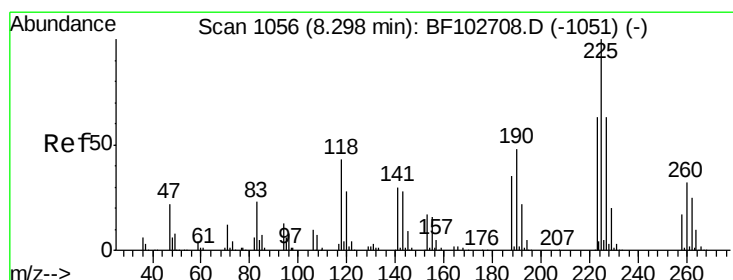
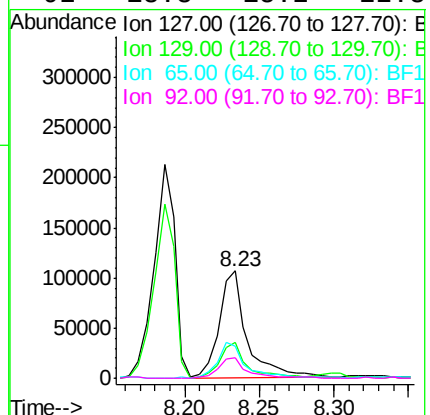
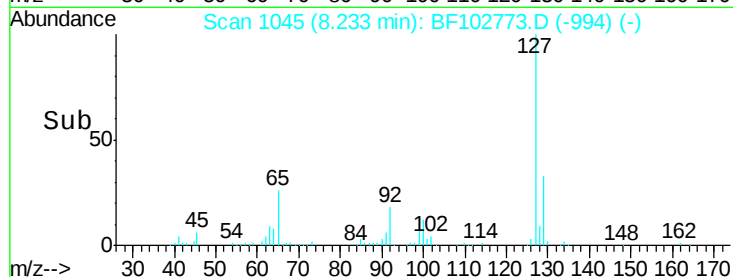
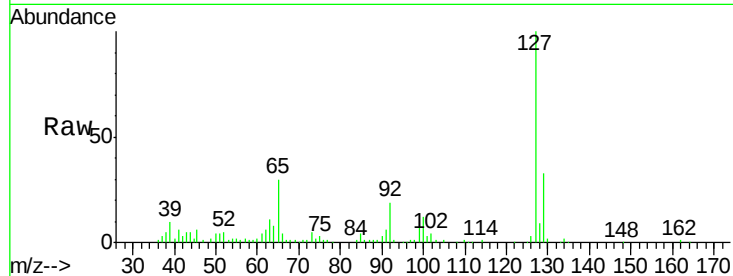
#33
4-Chloroaniline
Concen: 7.746 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Instrument :
BNA_F
ClientSampleId :
PB106315BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	25.9	38.9		
65	29.8	25.0	37.4		
92	18.8	15.2	22.8		

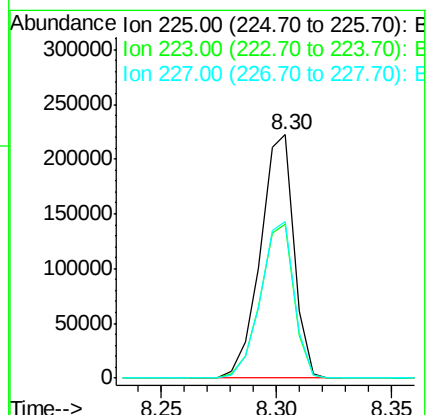
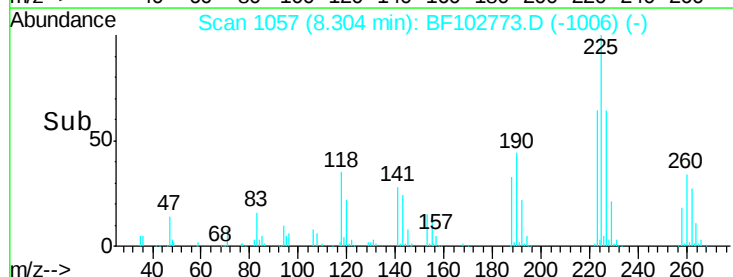
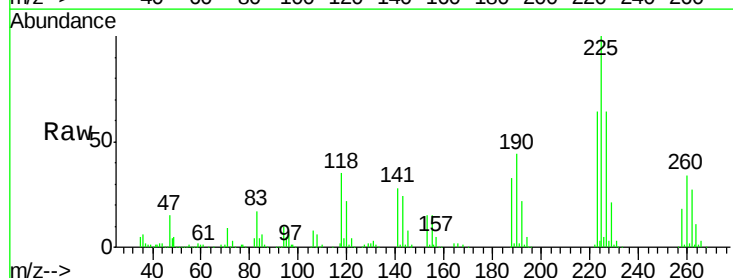
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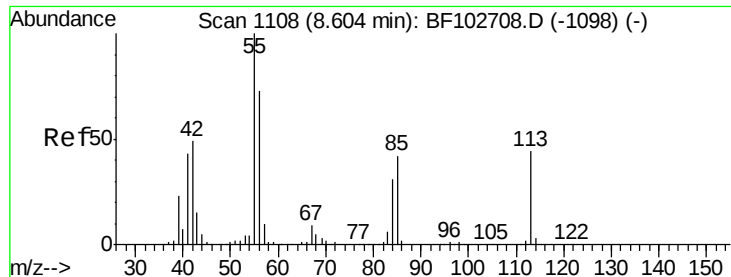
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#34
Hexachlorobutadiene
Concen: 36.073 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	50.6	76.0		
227	64.5	51.9	77.9		





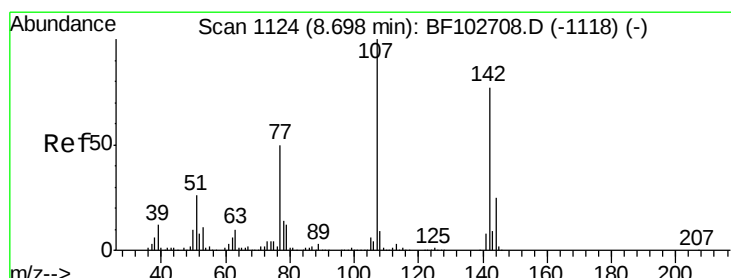
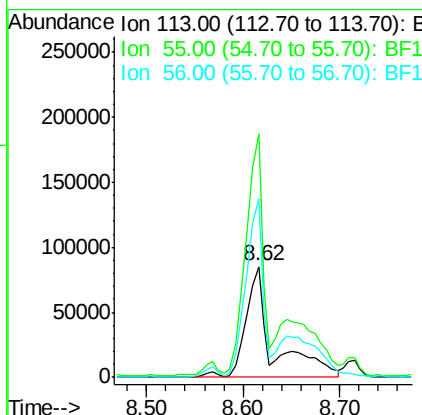
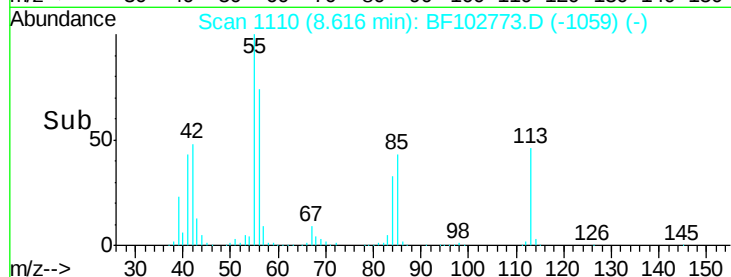
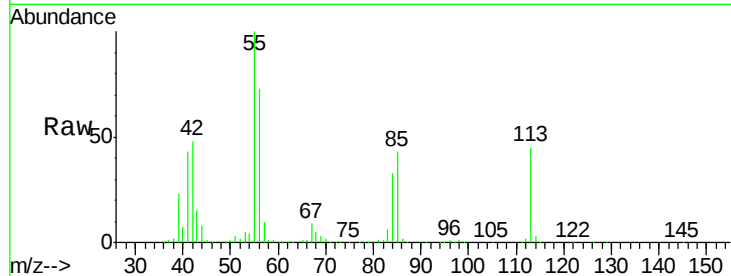
#35
 Caprolactam
 Concen: 44.634 ng/ml
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF102773.D
 Acq: 6 Feb 2018 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB106315BS

Tot Ion: 113 Resp: 166760
 Ion Ratio Lower Upper
 113 100
 55 220.0 163.3 203.3#
 56 161.6 115.7 155.7#

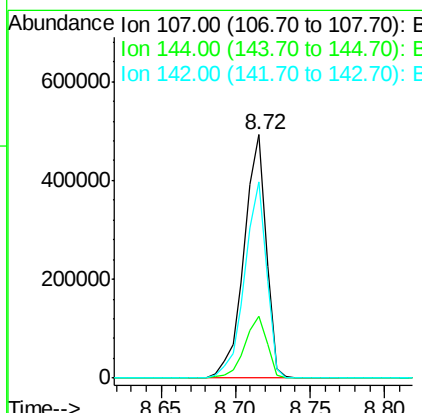
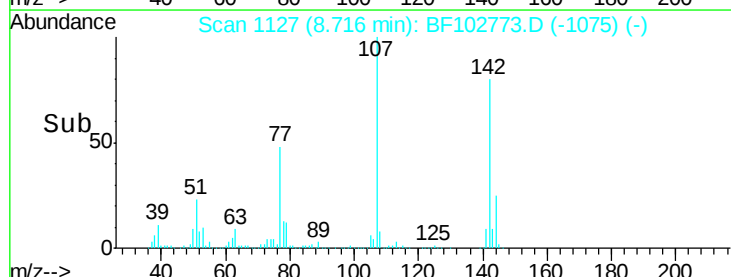
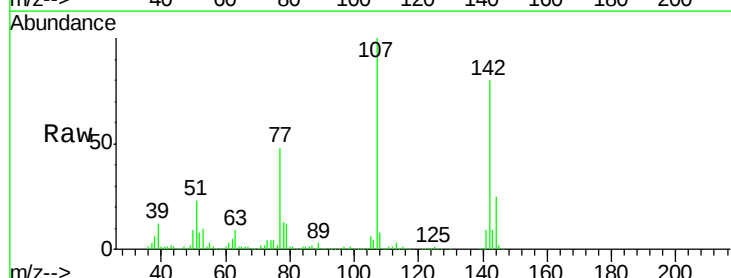
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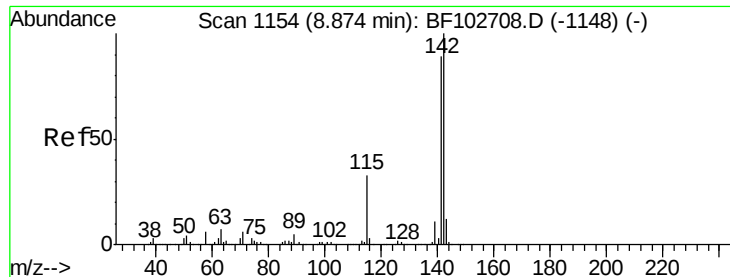
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#36
 4-Chloro-3-methylphenol
 Concen: 42.050 ng/ml
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF102773.D
 Acq: 6 Feb 2018 10:21

Tgt Ion: 107 Resp: 508291
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 80.4 62.0 93.0





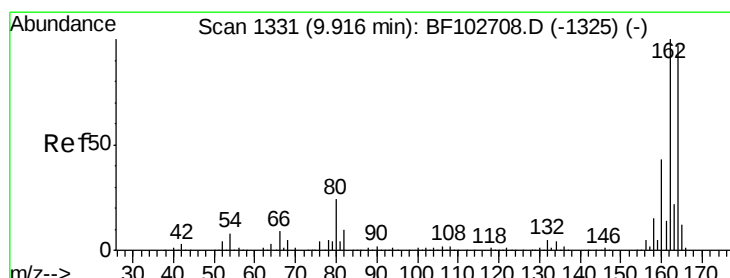
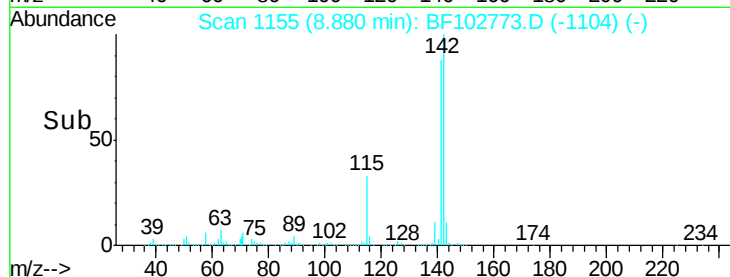
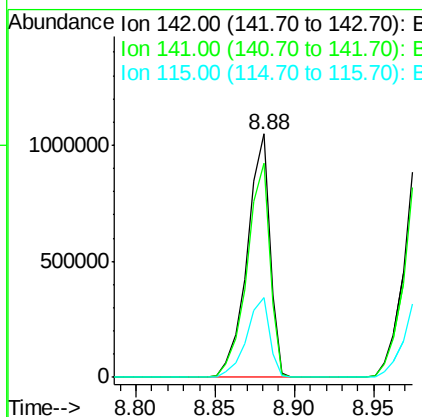
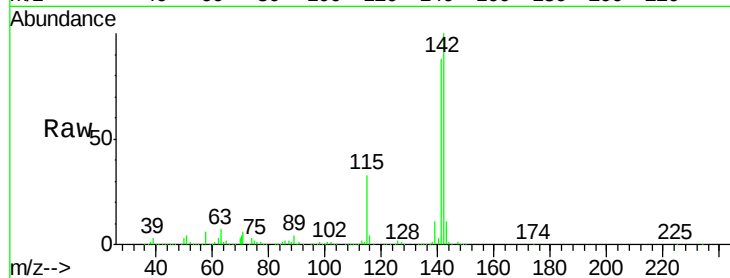
#37
2-Methylnaphthalene
Concen: 38.498 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Instrument :
BNA_F
ClientSampleId :
PB106315BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.8	106.2
115	32.7	26.1	39.1

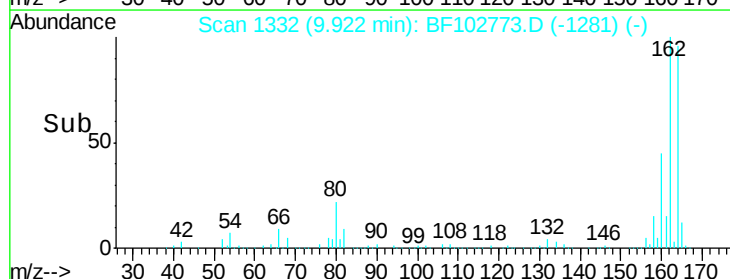
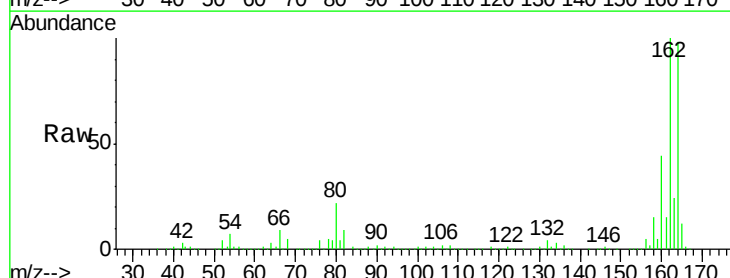
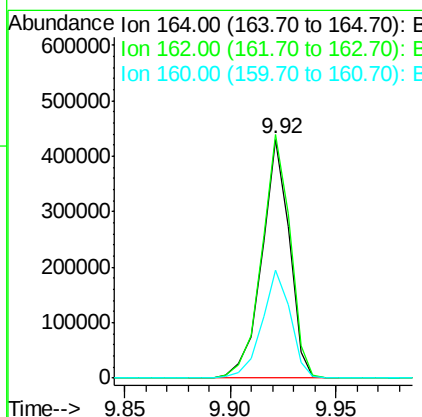
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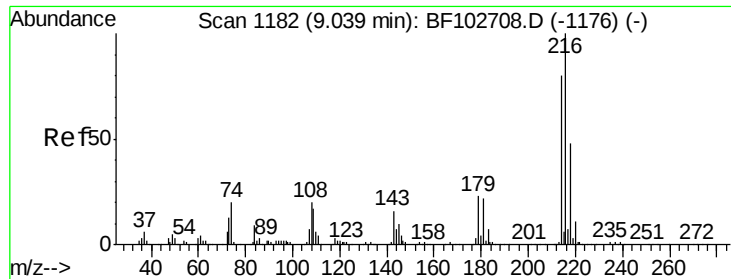
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	45.2	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.693 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Instrument :

BNA_F

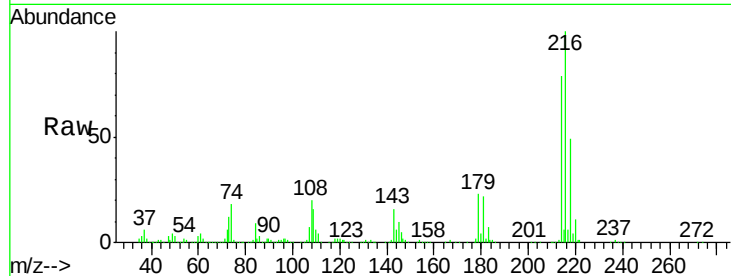
ClientSampleId :

PB106315BS

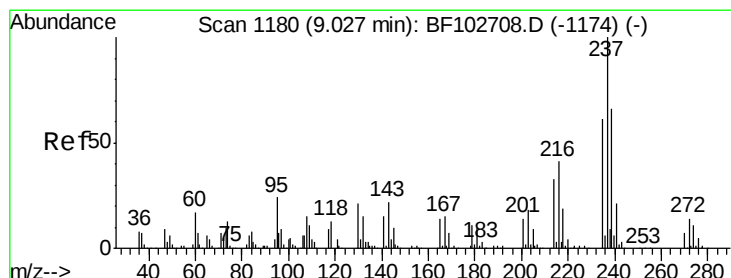
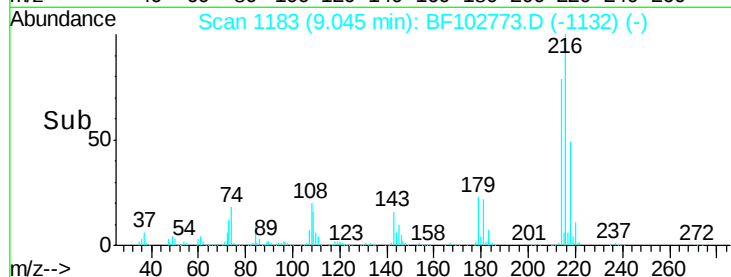
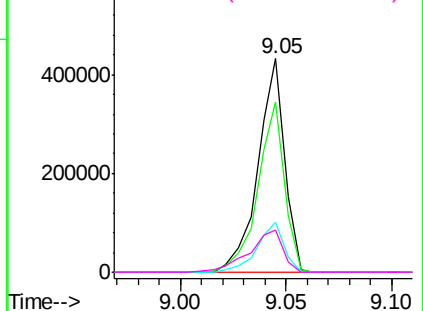
Tot Ion	Ratio	Resp	Lower	Upper
216	100	380072		
214	79.3	63.0	94.4	
179	23.6	18.1	27.1	
108	25.0	17.2	25.8	

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 87.011 ng

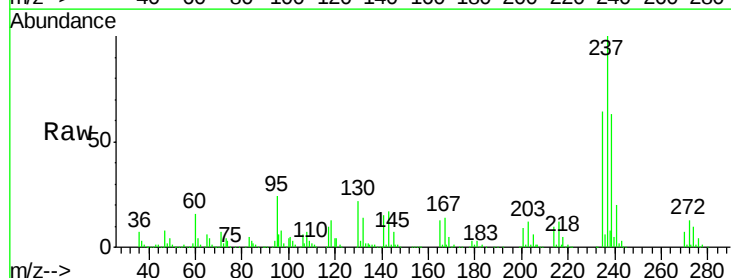
RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

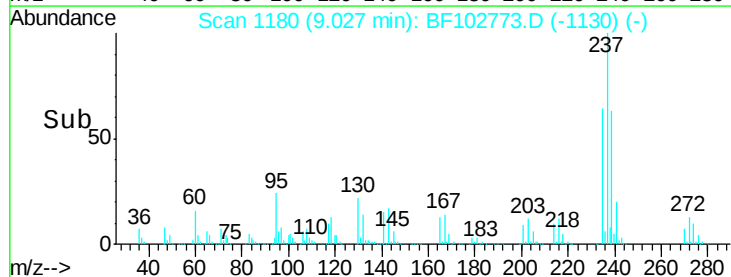
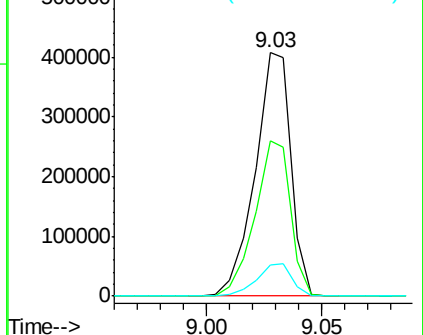
Lab File: BF102773.D

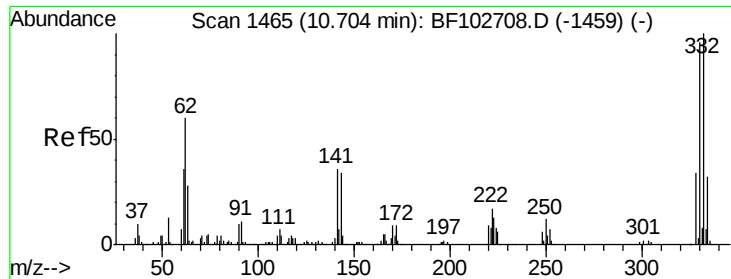
Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	440452		
235	63.5	44.8	84.8	
272	12.9	0.0	33.3	



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





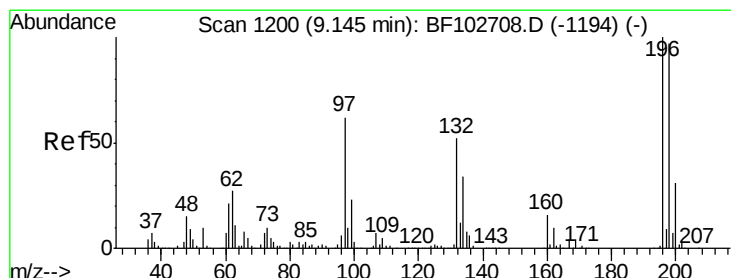
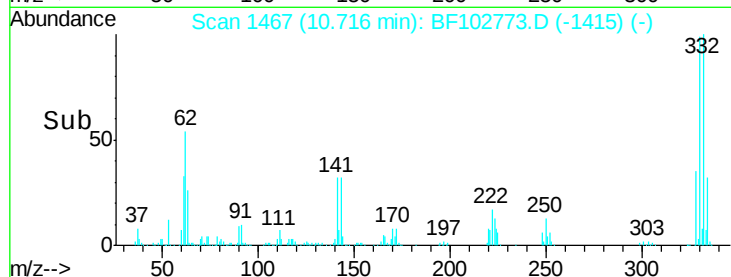
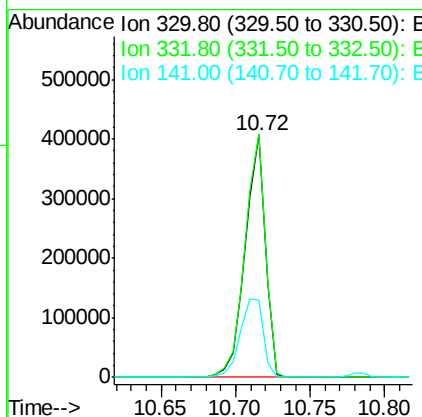
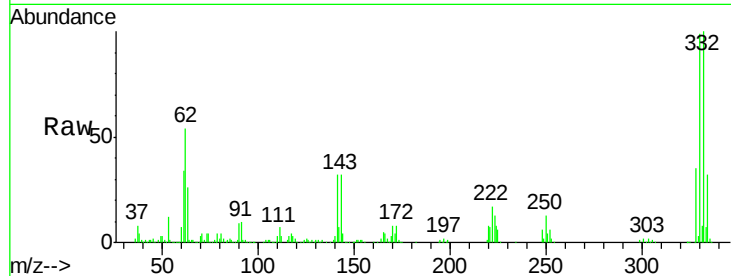
#41
 2,4,6-Tribromophenol
 Concen: 121.844 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102773.D
 Acq: 6 Feb 2018 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB106315BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	101.9	77.0	115.6	
141	37.6	29.9	44.9	

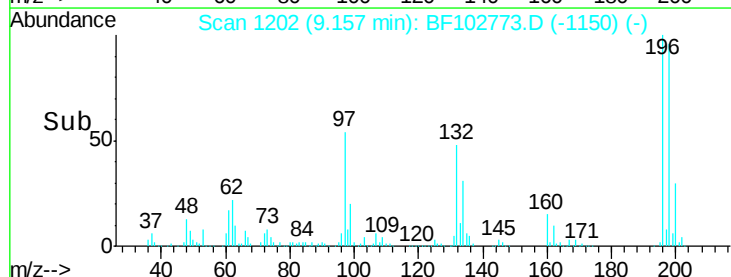
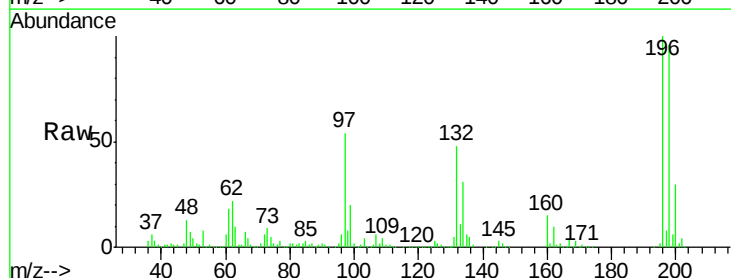
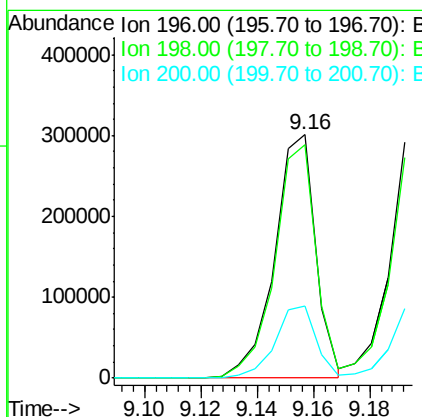
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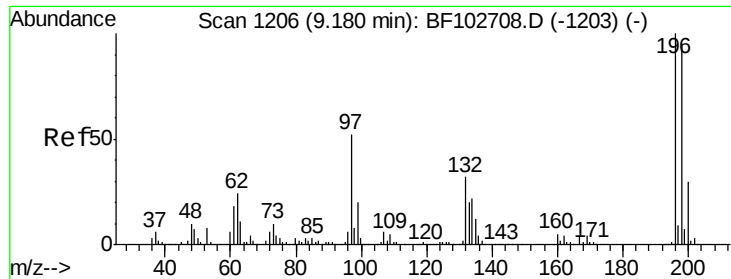
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#42
 2,4,6-Trichlorophenol
 Concen: 43.522 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102773.D
 Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.7	75.7	113.5	
200	29.7	24.5	36.7	





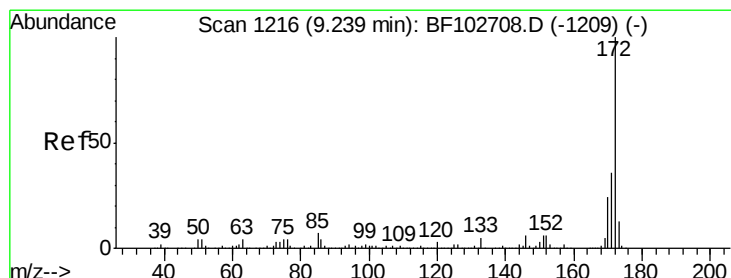
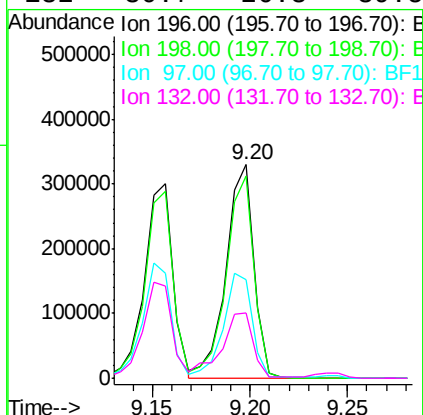
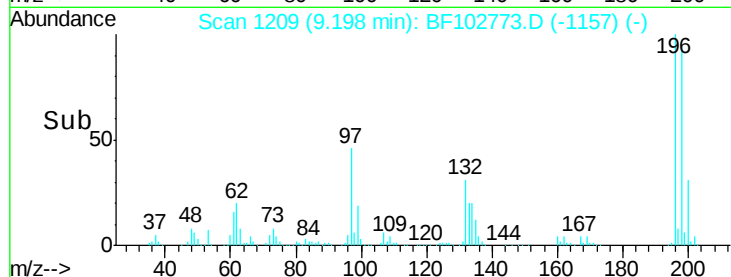
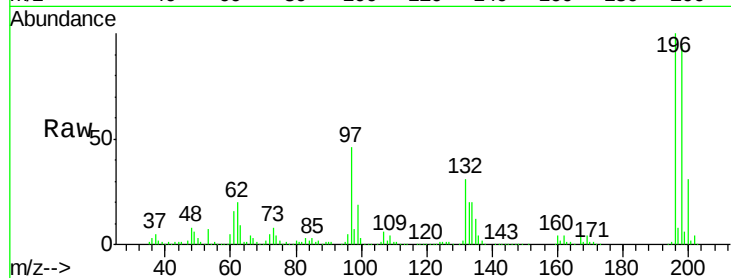
#43
 2,4,5-Trichlorophenol
 Concen: 41.523 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102773.D
 Acq: 6 Feb 2018 10:21

Instrument :
 BNA_F
 ClientSampled :
 PB106315BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	327327		
198	94.5	74.6	112.0	
97	46.3	42.9	64.3	
132	30.7	26.3	39.5	

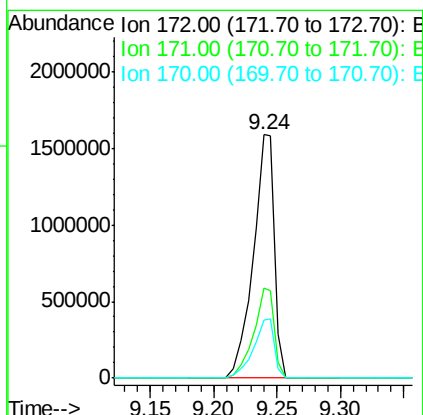
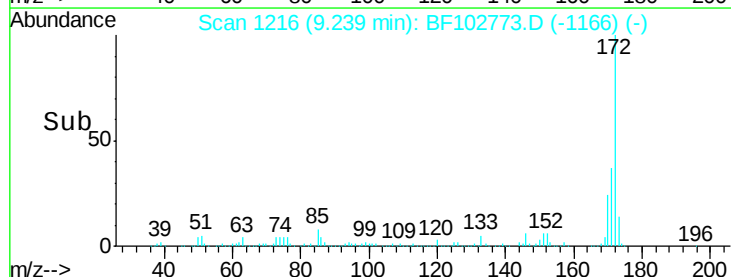
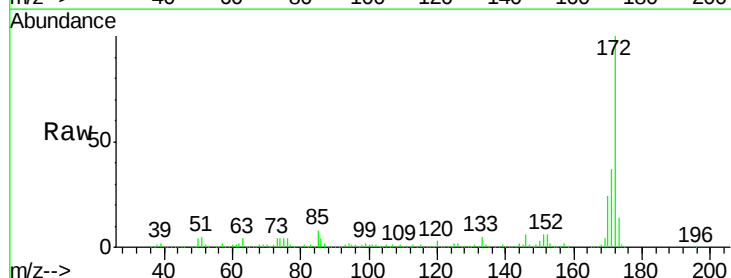
Manual Integrations
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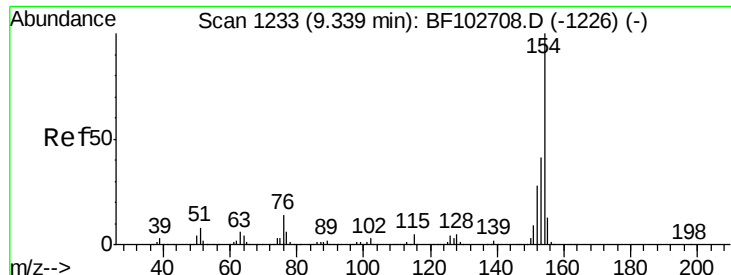
Sohil
 2/7/2018 4:16:05 PM



#44
 2-Fluorobiphenyl
 Concen: 78.914 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102773.D
 Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1859857		
171	36.8	29.7	44.5	
170	24.1	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 36.386 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB106315BS

Tot Ion:154 Resp: 1198544

Ion Ratio Lower Upper

154 100

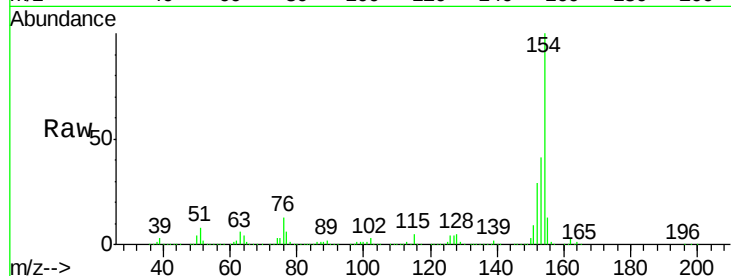
153 41.0 21.3 61.3

76 13.2 0.0 34.0

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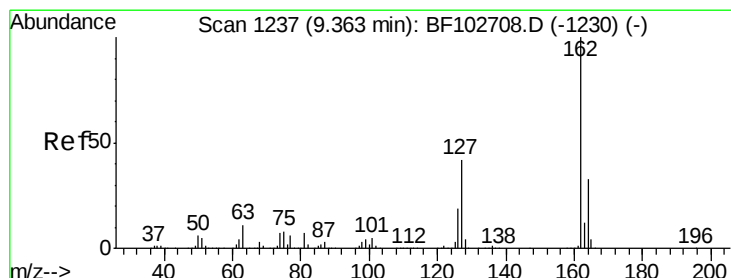
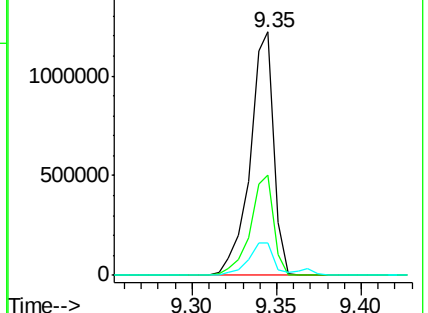
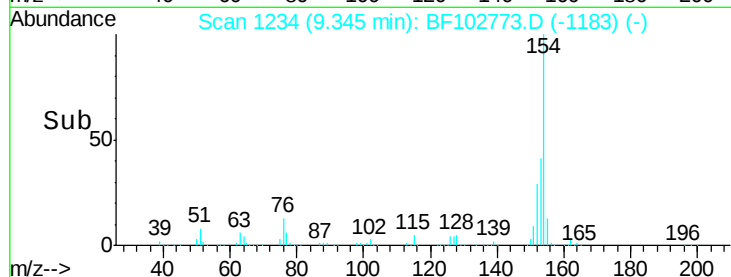
2/7/2018 4:16:05 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 36.856 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

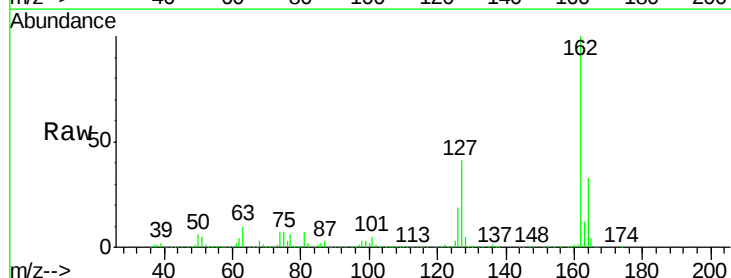
Tgt Ion:162 Resp: 955775

Ion Ratio Lower Upper

162 100

127 40.7 33.9 50.9

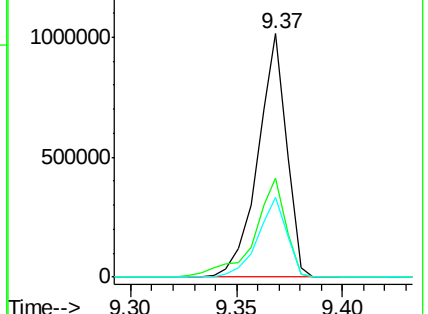
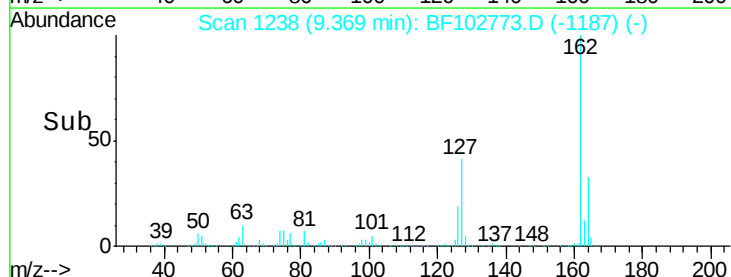
164 32.7 26.5 39.7

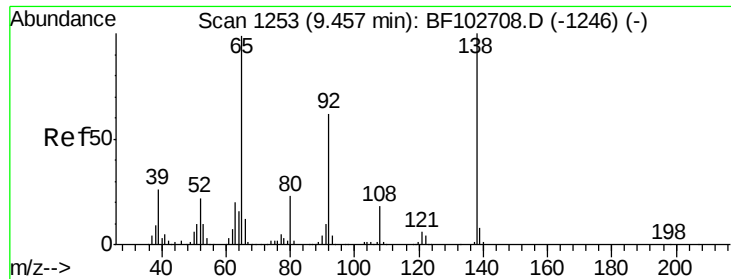


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.985 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Instrument :

BNA_F

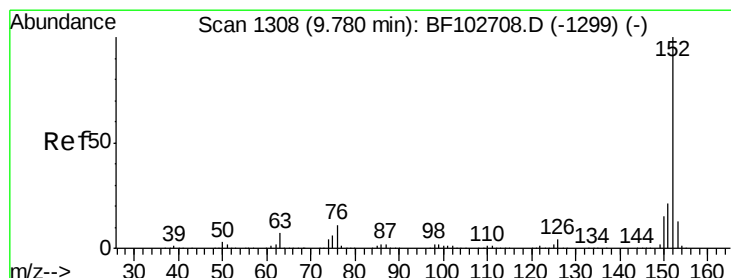
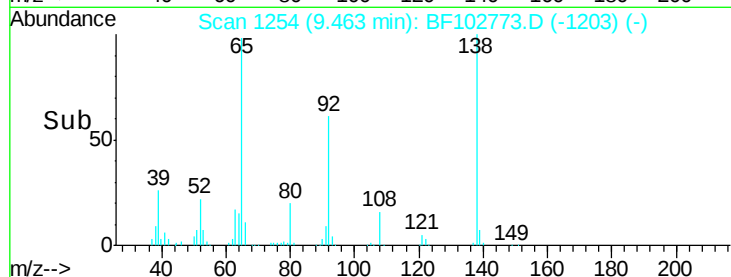
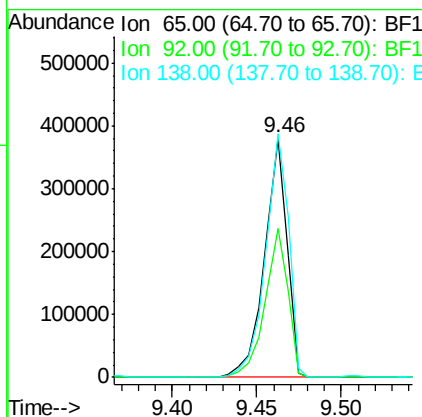
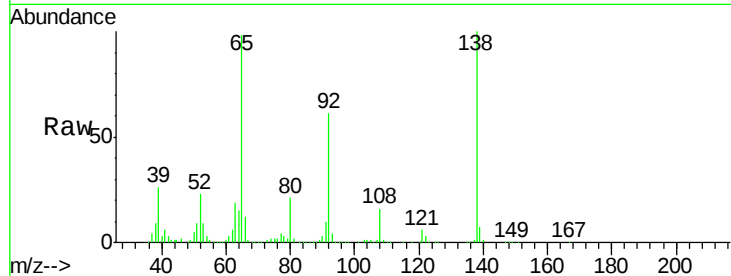
ClientSampleId :

PB106315BS

Tot Ion:	65	Resp:	349466
Ion Ratio	Lower	Upper	
65	100		
92	62.4	55.8	83.6
138	102.1	91.2	136.8

Manual Integrations
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#48

Acenaphthylene

Concen: 36.345 ng

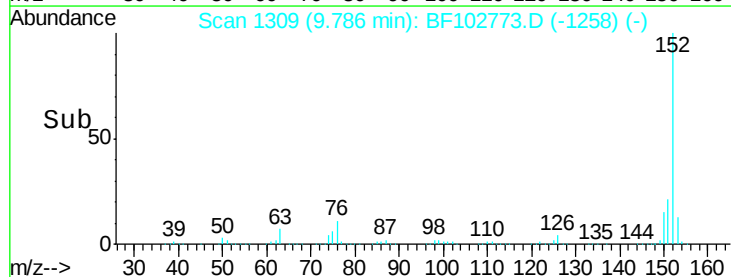
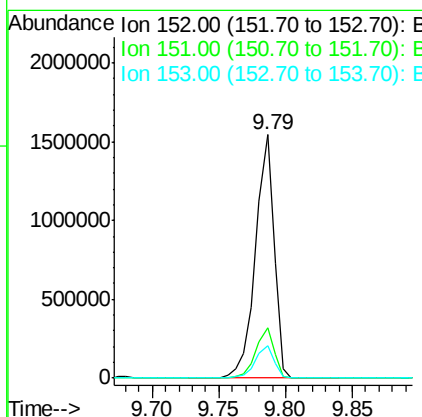
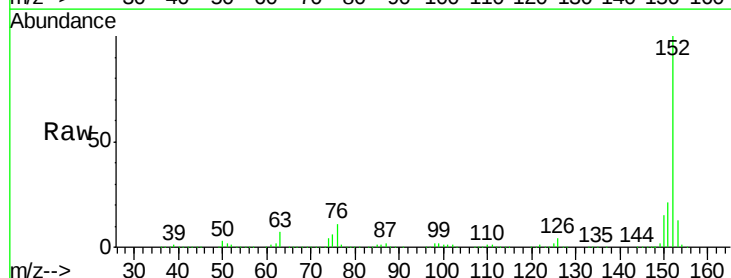
RT: 9.79 min Scan# 1309

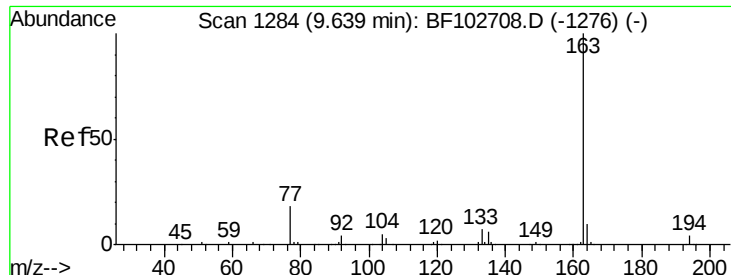
Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Tgt Ion:	152	Resp:	1463866
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.3	10.7	16.1





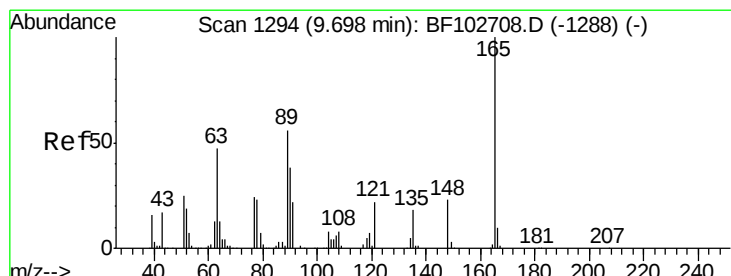
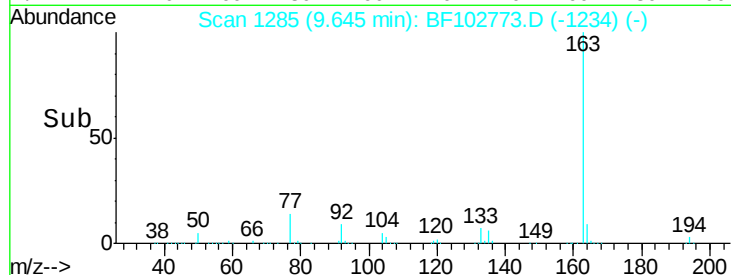
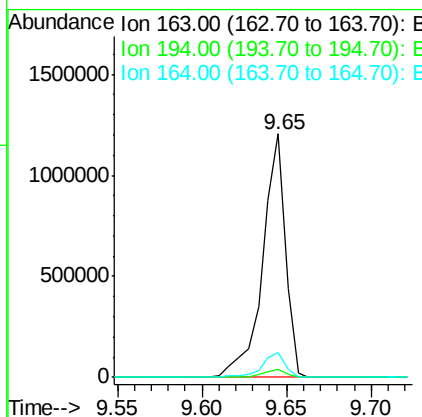
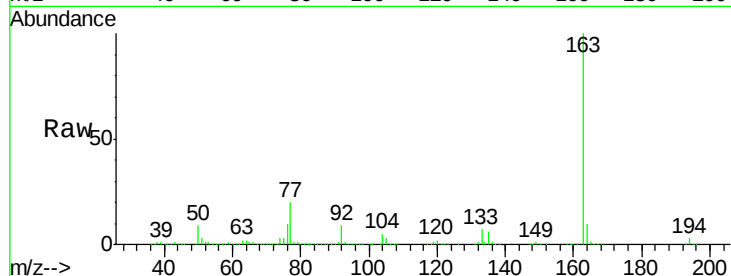
#49
Dimethylphthalate
Concen: 37.063 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Instrument :
BNA_F
ClientSampleId :
PB106315BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2

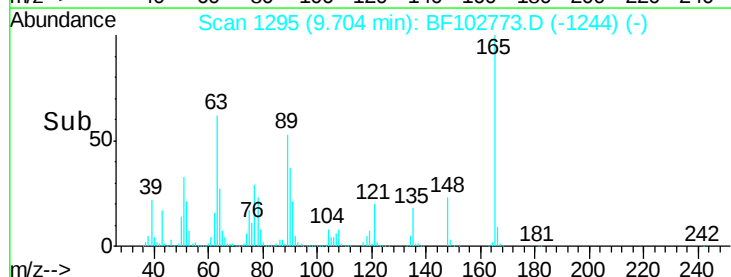
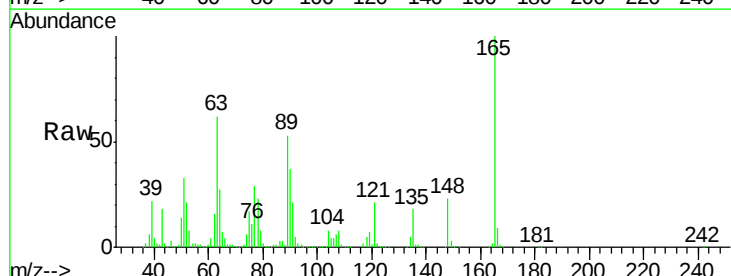
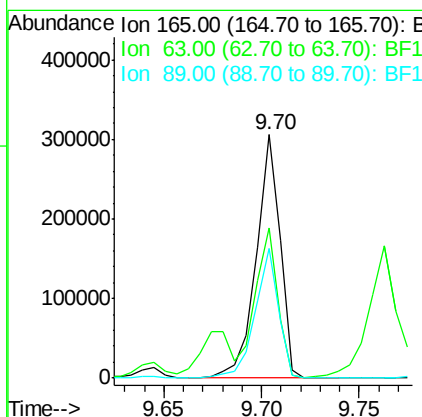
Manual Integrations
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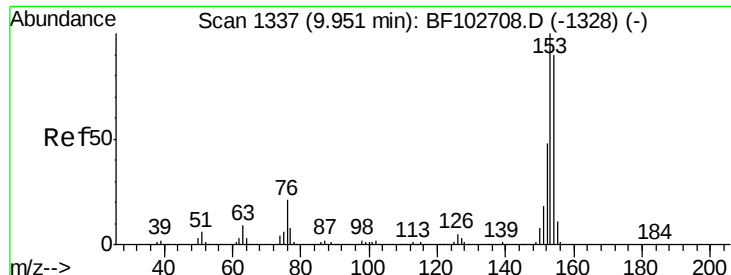
Sohil
2/7/2018 4:16:05 PM



#50
2,6-Dinitrotoluene
Concen: 44.701 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.8	44.7	67.1
89	53.2	44.0	66.0





#51

Acenaphthene

Concen: 41.168 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Instrument :

BNA_F

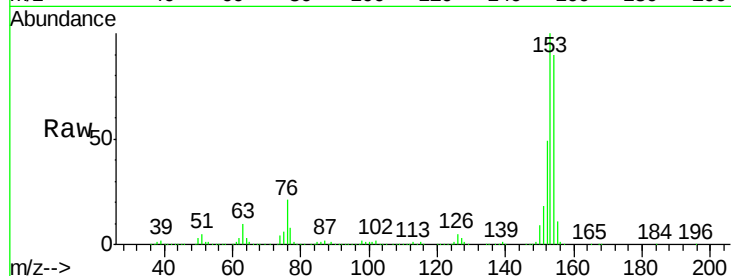
ClientSampleId :

PB106315BS

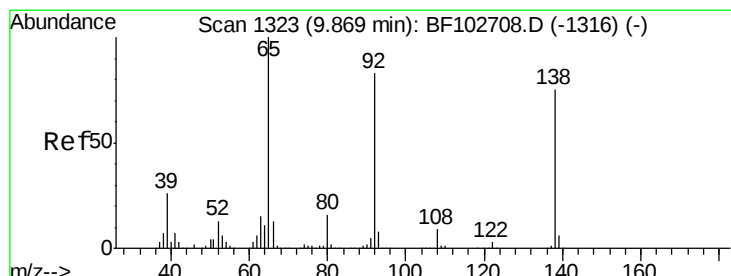
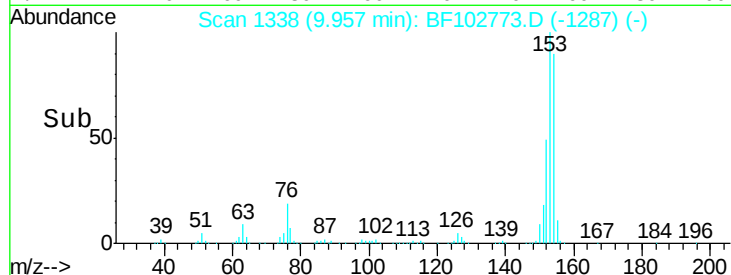
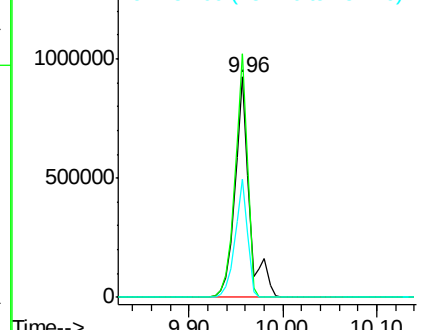
Tot Ion:	154	Resp:	991618
Ion Ratio	Lower	Upper	
154	100		
153	110.7	91.2	136.8
152	53.9	43.8	65.8

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



#52

3-Nitroaniline

Concen: 22.069 ng

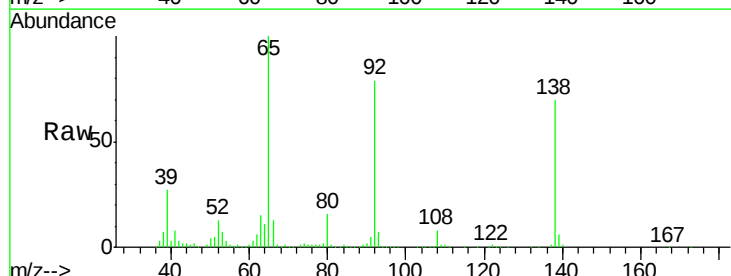
RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

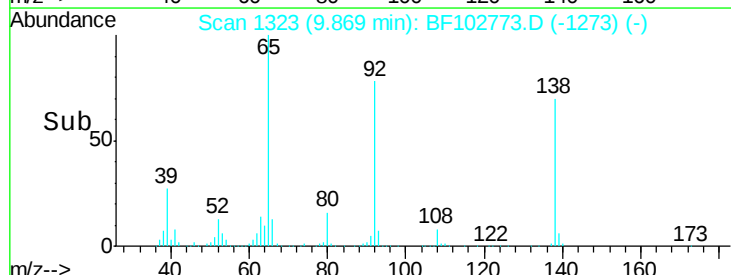
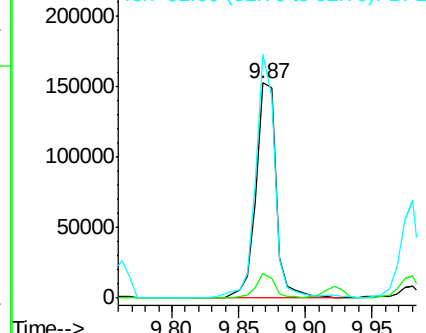
Lab File: BF102773.D

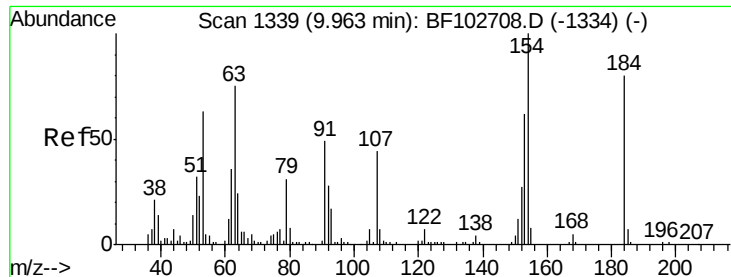
Acq: 6 Feb 2018 10:21

Tgt Ion:	138	Resp:	157538
Ion Ratio	Lower	Upper	
138	100		
108	11.5	9.4	14.0
92	113.2	89.4	134.2



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





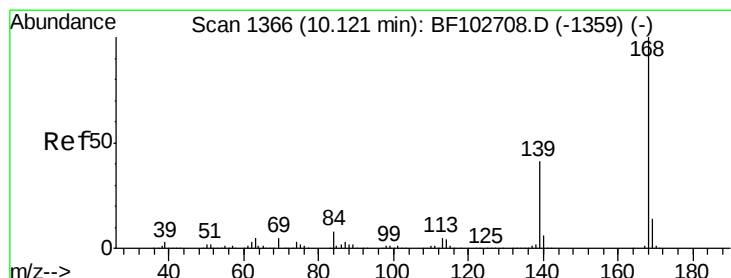
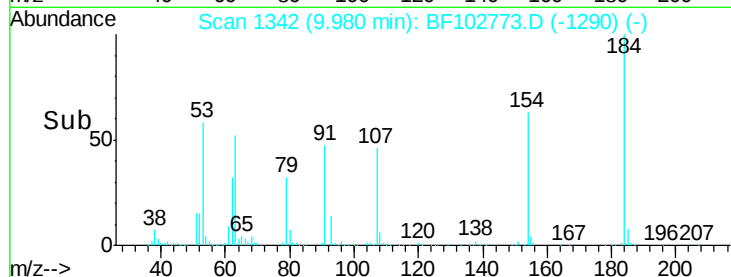
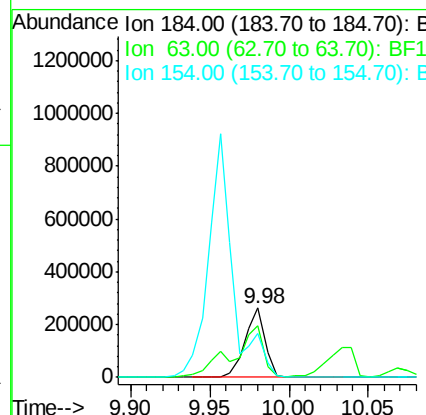
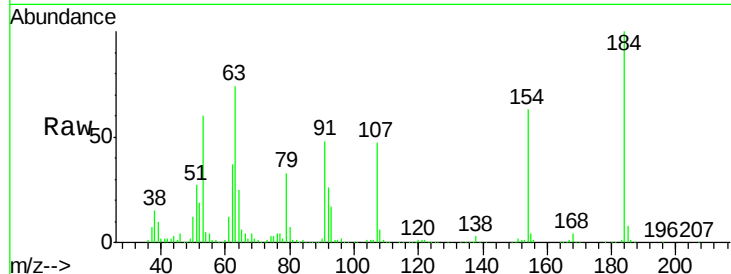
#53
2,4-Dinitrophenol
Concen: 100.102 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Instrument :
BNA_F
ClientSampleId :
PB106315BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	74.4	54.2	81.2
154	63.2	184.0	276.0#

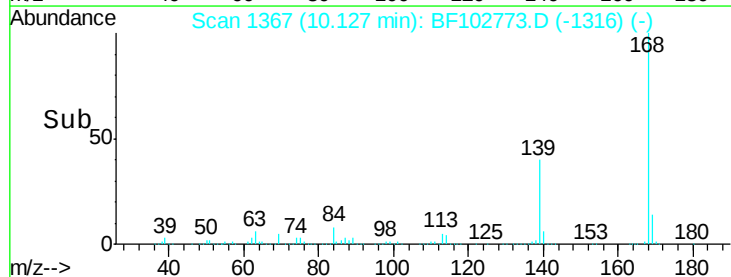
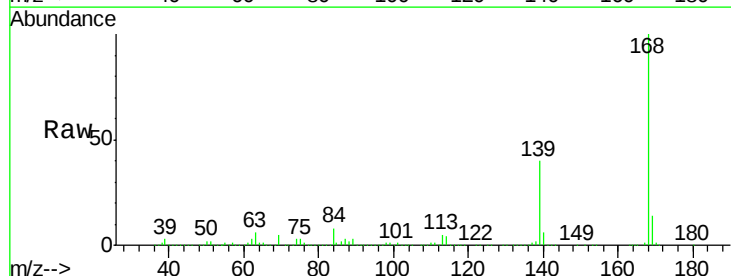
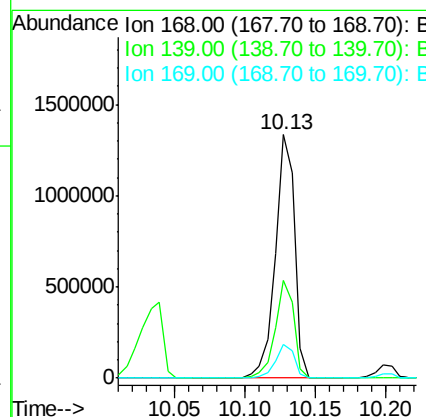
Manual Integrations
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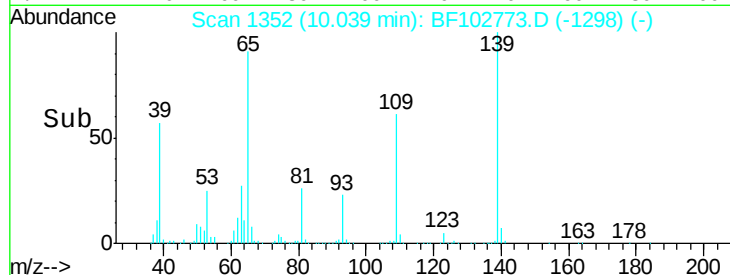
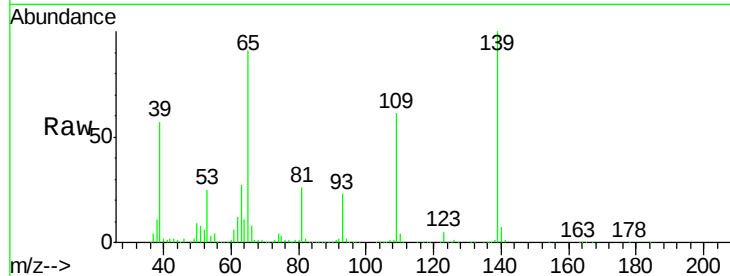
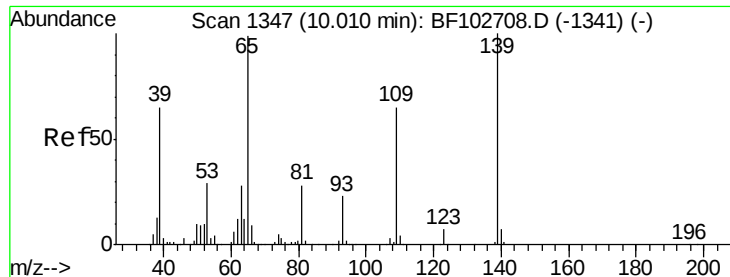
Sohil
2/7/2018 4:16:05 PM



#54
Dibenzofuran
Concen: 37.668 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.1	45.1
169	13.8	10.9	16.3





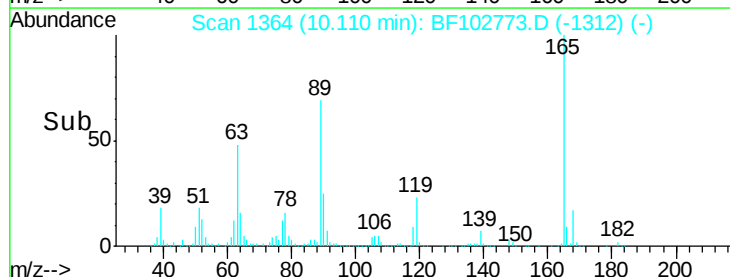
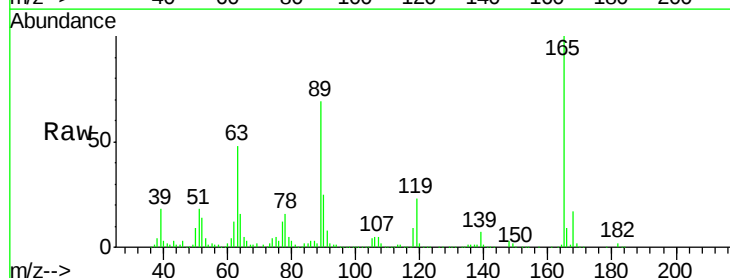
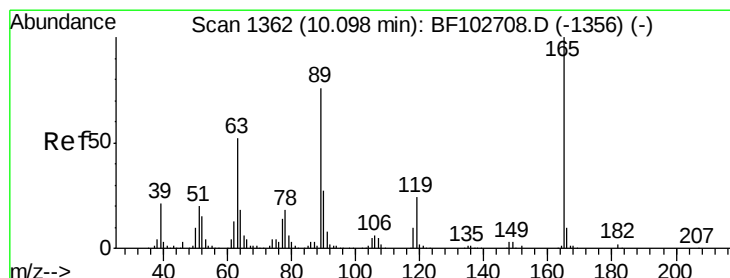
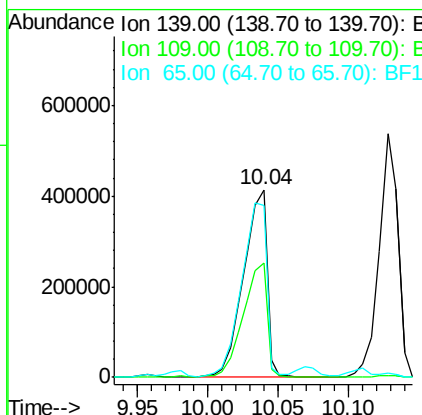
#55
4-Nitrophenol
Concen: 81.883 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Instrument :
BNA_F
ClientSampleId :
PB106315BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	480925		
109	60.8	48.4	88.4	
65	91.4	72.6	112.6	

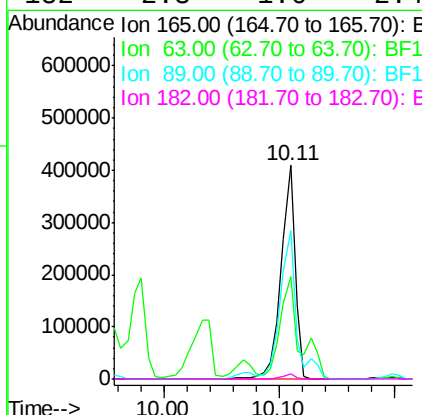
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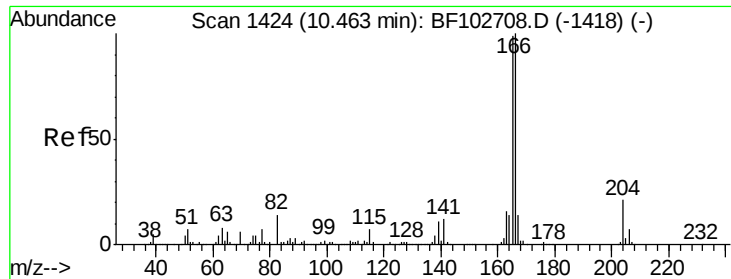
Sohil
2/7/2018 4:16:05 PM



#56
2,4-Dinitrotoluene
Concen: 45.082 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	349211		
63	48.0	36.4	54.6	
89	69.3	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 38.658 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Instrument :

BNA_F

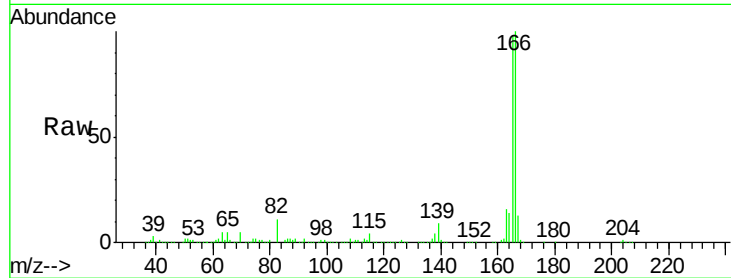
ClientSampleId :

PB106315BS

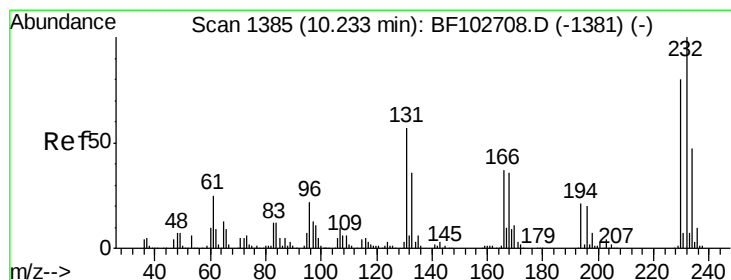
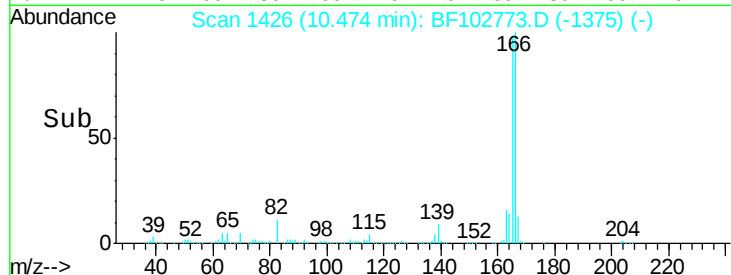
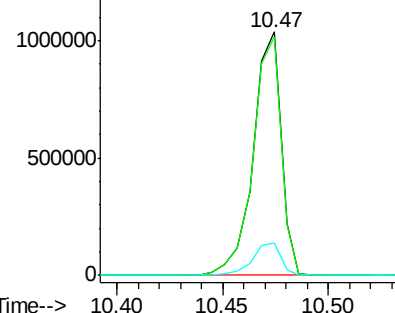
Tot Ion:	166	Resp:	954758
Ion Ratio	Lower	Upper	
166	100		
165	98.1	79.8	119.8
167	13.2	10.6	16.0

Manual Integrations
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2/7/2018 4:16:05 PM



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: 45.542 ng

RT: 10.25 min Scan# 1387

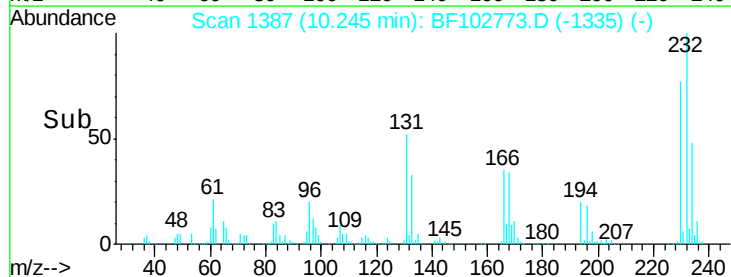
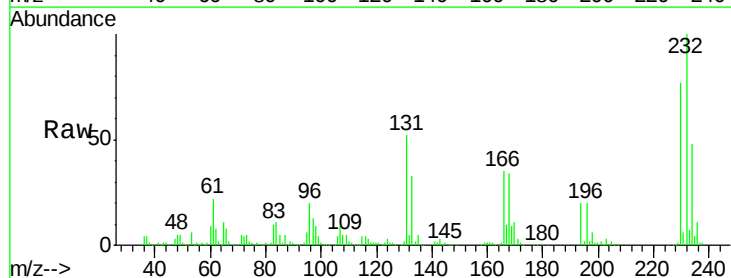
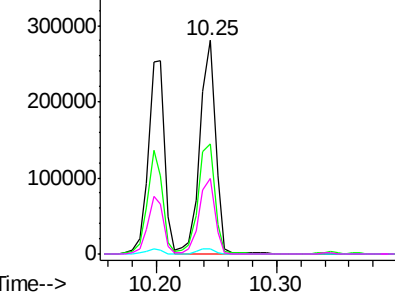
Delta R.T. 0.01 min

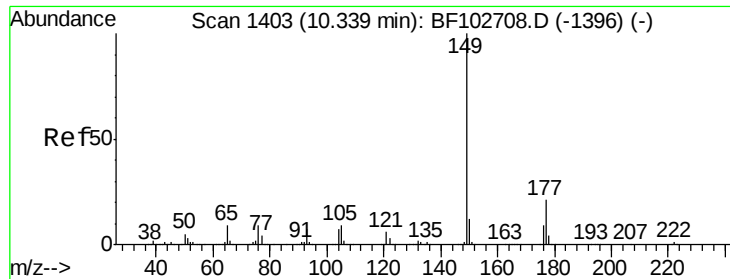
Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Tgt Ion:	232	Resp:	248829
Ion Ratio	Lower	Upper	
232	100		
131	55.5	43.8	65.8
130	2.6	2.1	3.1
166	36.2	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





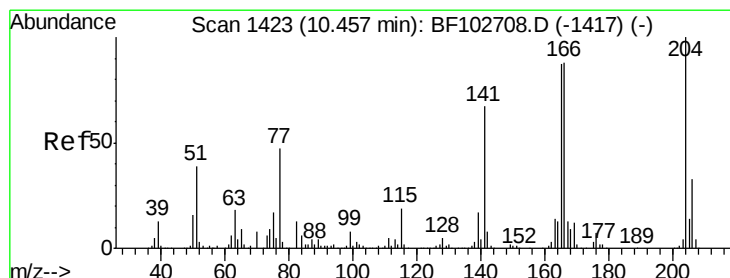
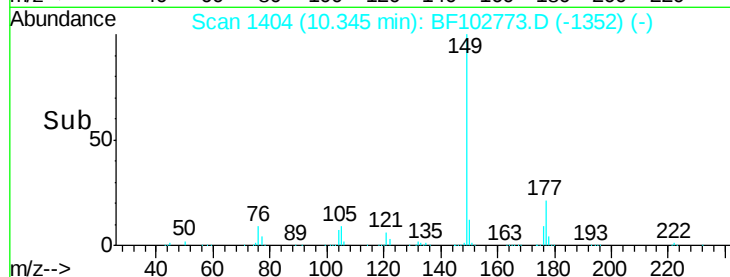
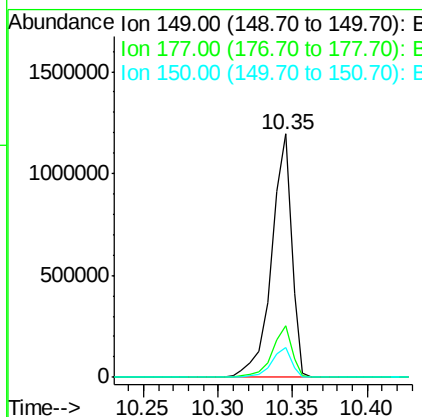
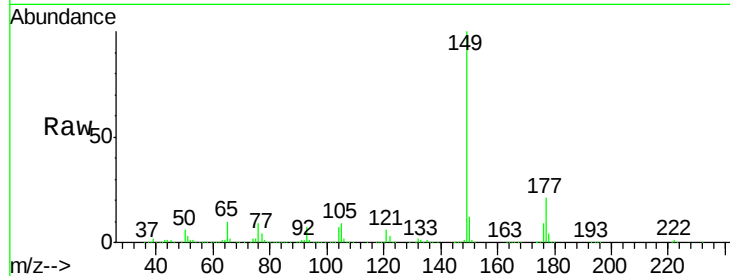
#59
Diethylphthalate
Concen: 36.855 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Instrument :
BNA_F
ClientSampled :
PB106315BS

Tot Ion:149 Resp: 1109669
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.4 10.1 15.1

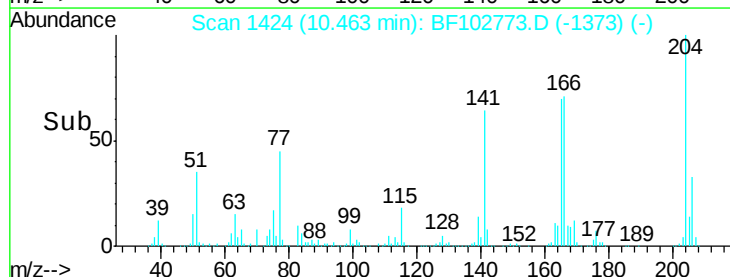
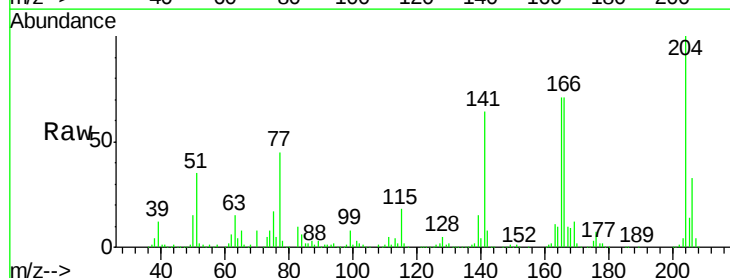
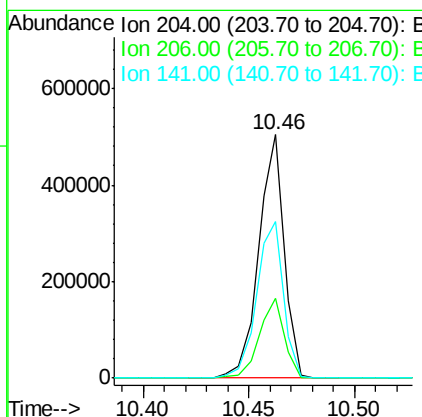
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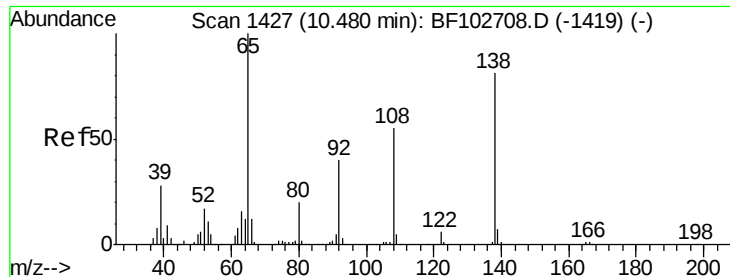
Sohil
2/7/2018 4:16:05 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.599 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tgt Ion:204 Resp: 421719
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 64.2 54.6 81.8





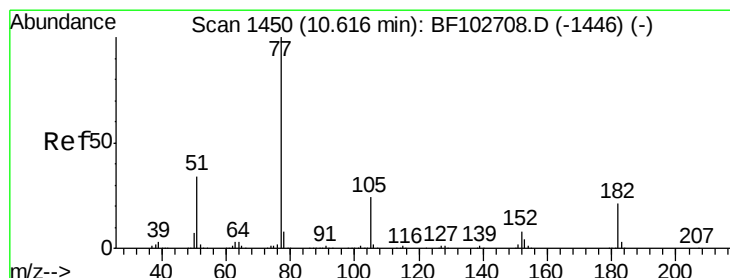
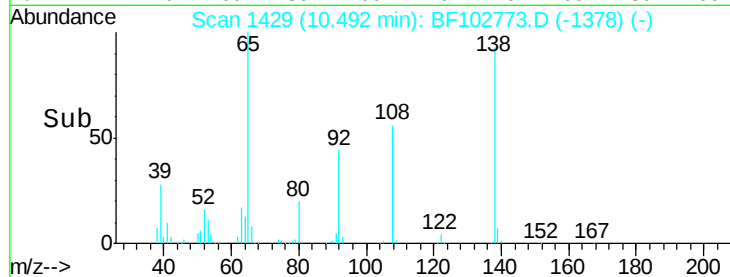
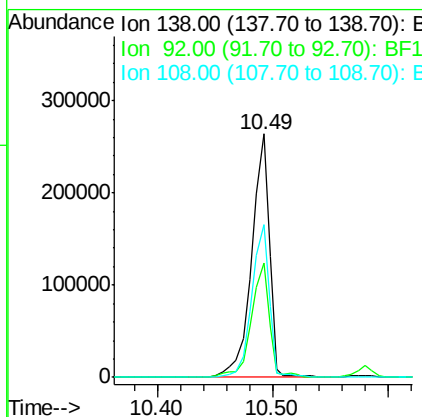
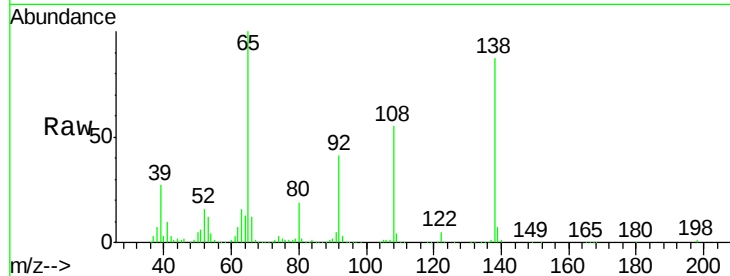
#61
 4-Nitroaniline
 Concen: 41.734 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF102773.D
 Acq: 6 Feb 2018 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB106315BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	283566		
92	47.1	30.2	70.2	
108	62.5	52.5	92.5	

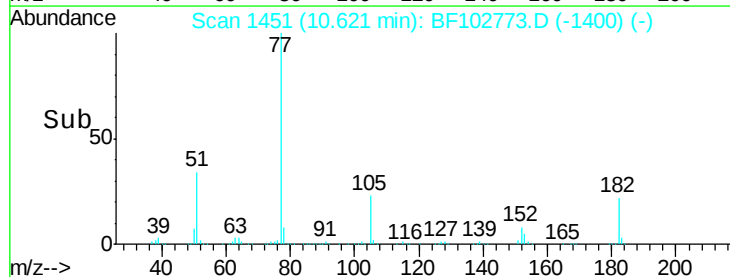
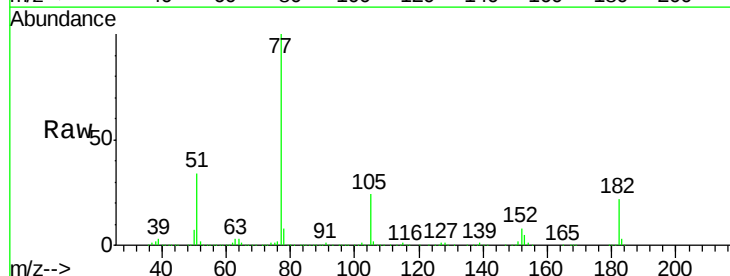
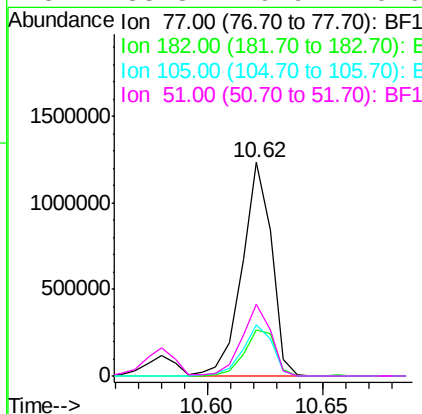
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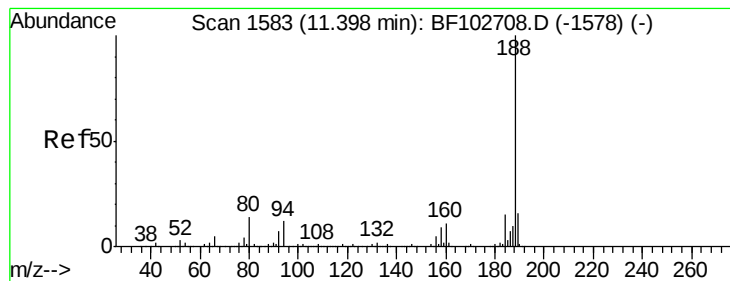
Sohil
 2/7/2018 4:16:05 PM



#62
 Azobenzene
 Concen: 36.482 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF102773.D
 Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1097345		
182	21.5	1.7	41.7	
105	23.9	3.0	43.0	
51	33.8	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Instrument :

BNA_F

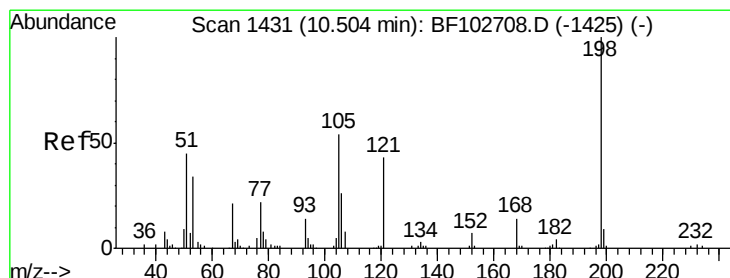
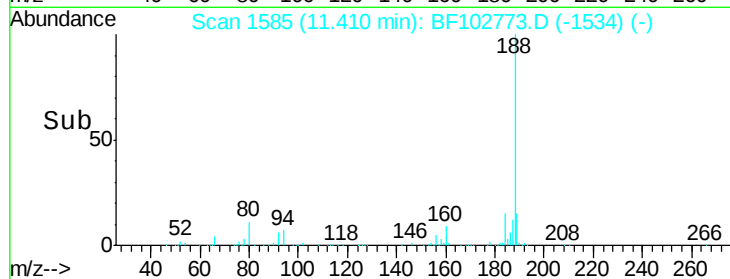
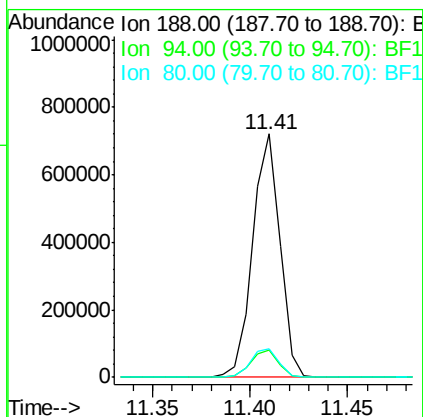
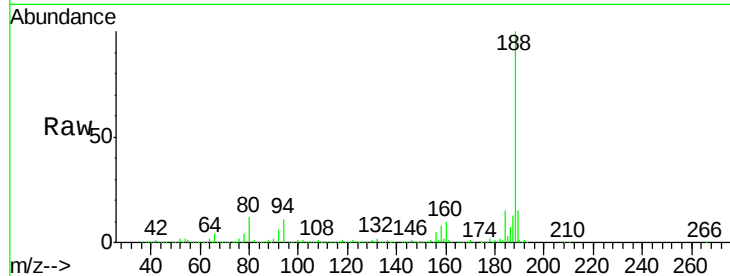
ClientSampleId :

PB106315BS

Tot Ion:	188	Resp:	697153
Ion Ratio	Lower	Upper	
188	100		
94	11.1	8.5	12.7
80	11.8	9.2	13.8

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2/7/2018 4:16:05 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 51.147 ng

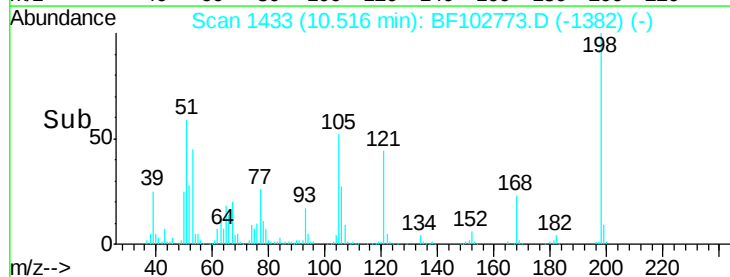
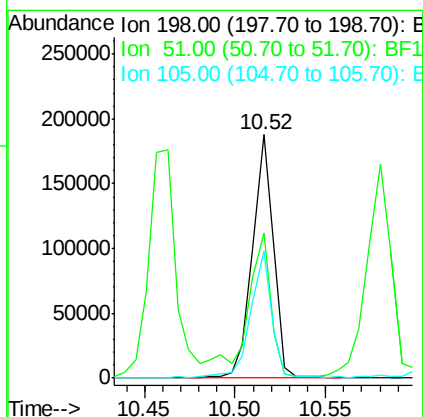
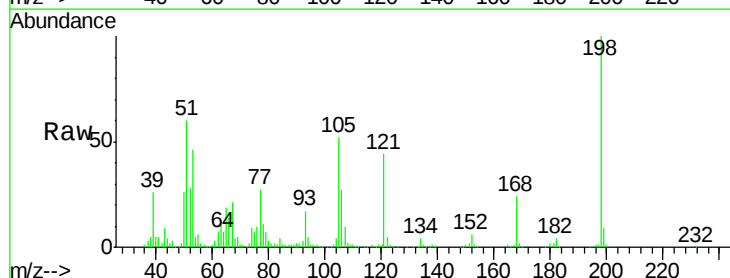
RT: 10.52 min Scan# 1433

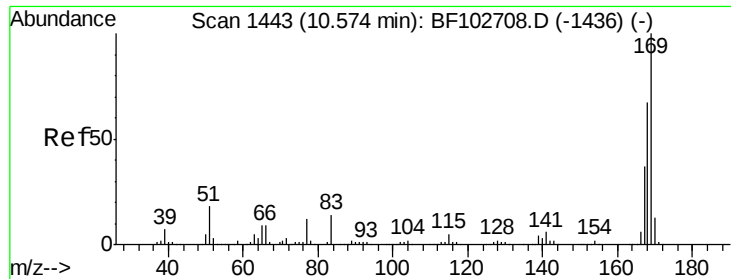
Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Tgt Ion:	198	Resp:	151857
Ion Ratio	Lower	Upper	
198	100		
51	59.7	37.7	77.7
105	52.2	36.3	76.3





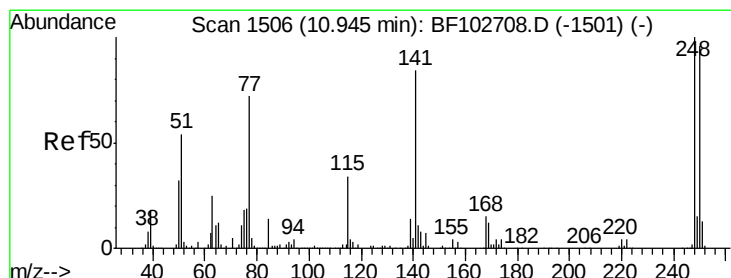
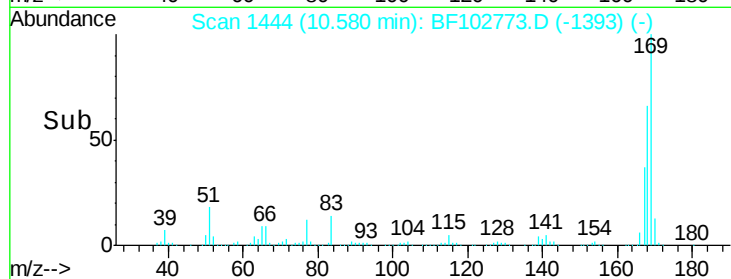
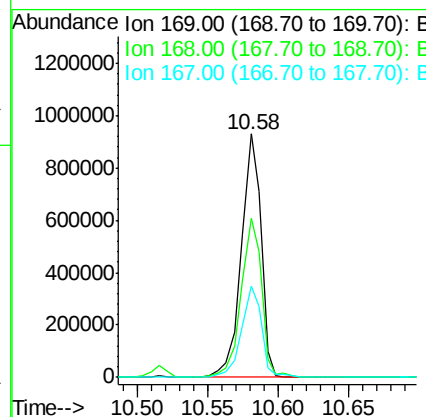
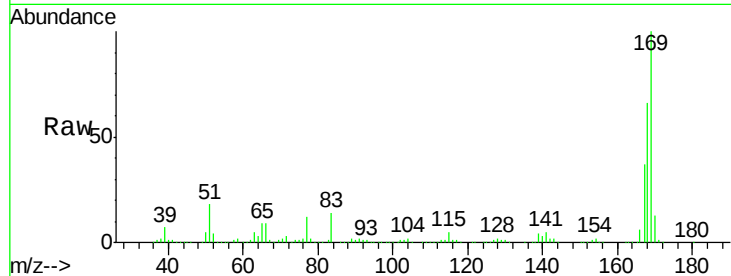
#65
n-Nitrosodiphenylamine
Concen: 36.651 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Instrument :
BNA_F
ClientSampleId :
PB106315BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	901263		
168	65.6		54.4	81.6
167	37.3		29.8	44.6

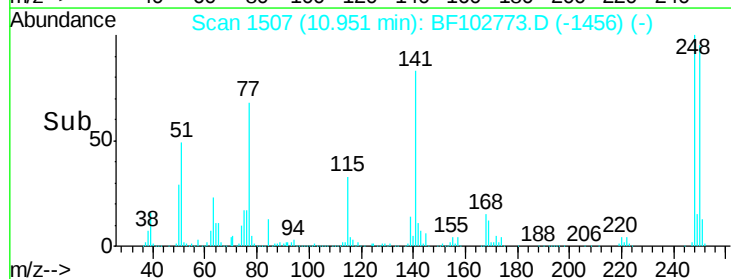
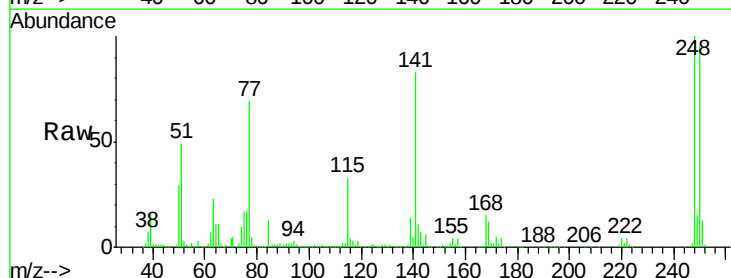
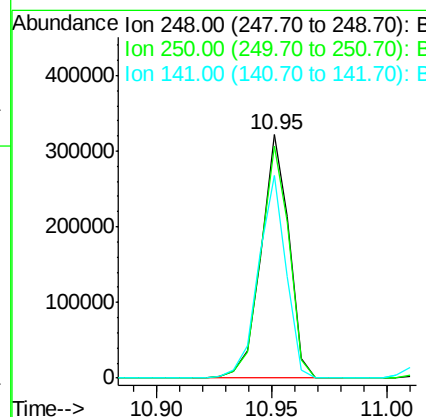
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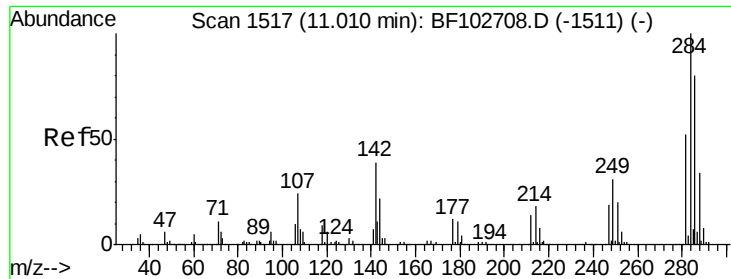
Sohil
2/7/2018 4:16:05 PM



#66
4-Bromophenyl-phenylether
Concen: 36.732 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	270886		
250	95.4		76.9	115.3
141	83.2		74.4	111.6





#67

Hexachlorobenzene

Concen: 35.988 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Instrument :

BNA_F

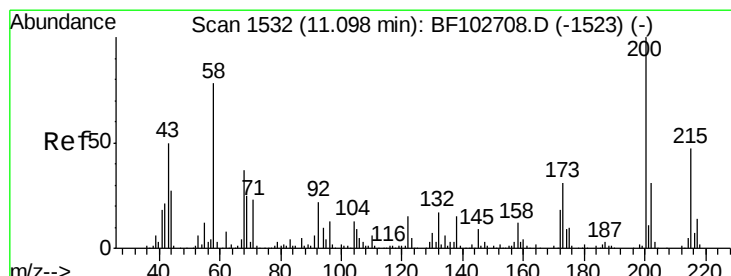
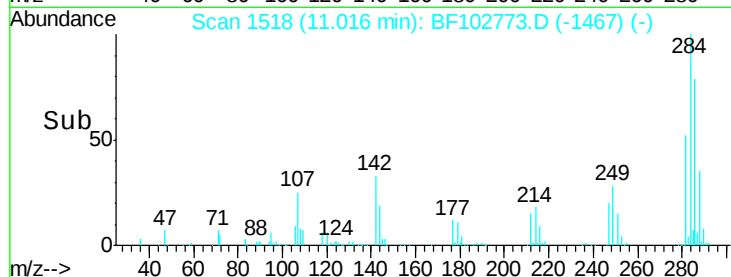
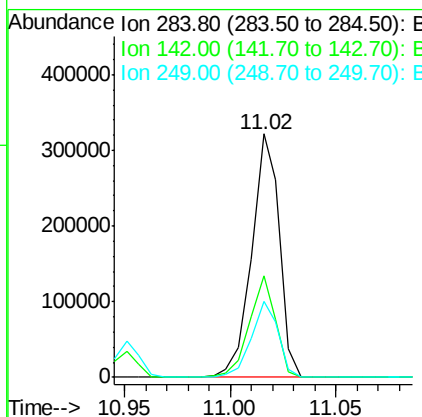
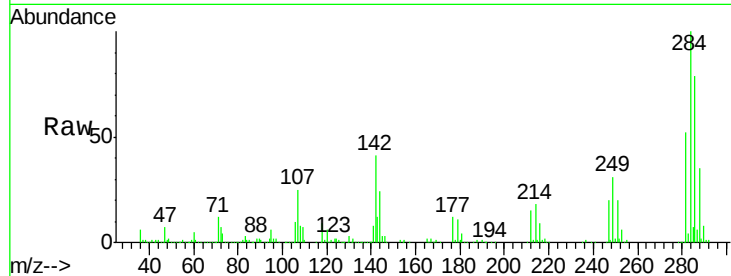
ClientSampleId :

PB106315BS

Tot Ion:	284	Resp:	292782
Ion Ratio	Lower	Upper	
284	100		
142	41.5	34.6	52.0
249	30.9	24.8	37.2

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2/7/2018 4:16:05 PM



#68

Atrazine

Concen: 37.626 ng

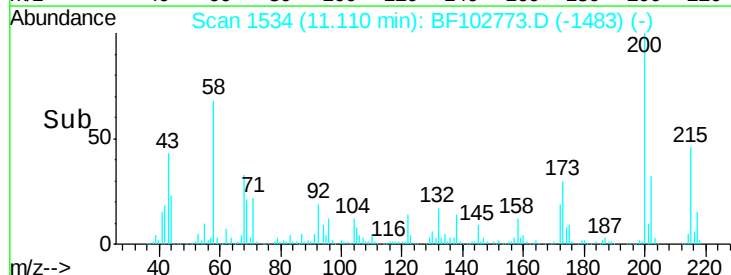
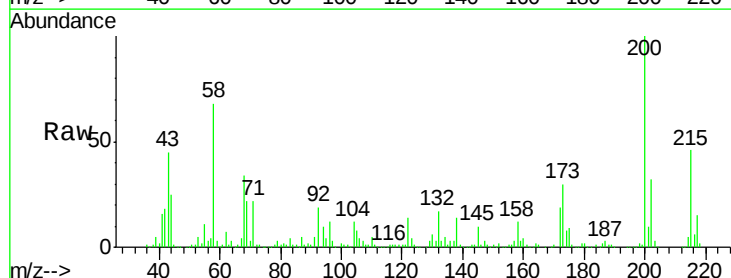
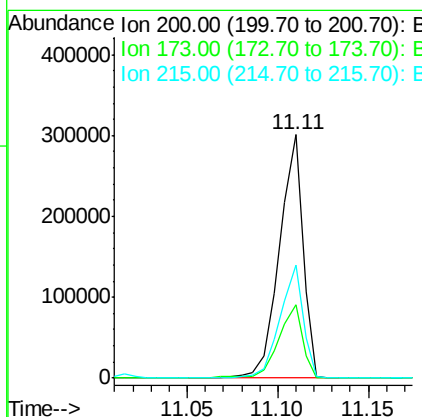
RT: 11.11 min Scan# 1534

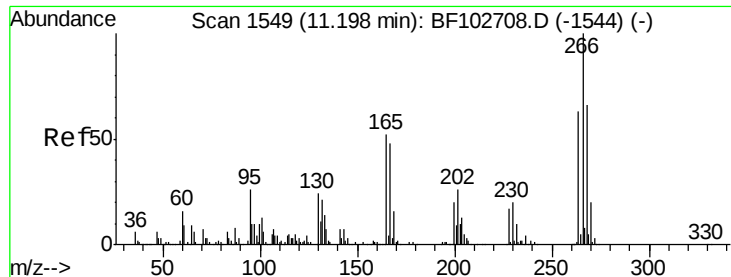
Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Tgt Ion:	200	Resp:	272960
Ion Ratio	Lower	Upper	
200	100		
173	30.2	8.6	48.6
215	46.4	25.1	65.1





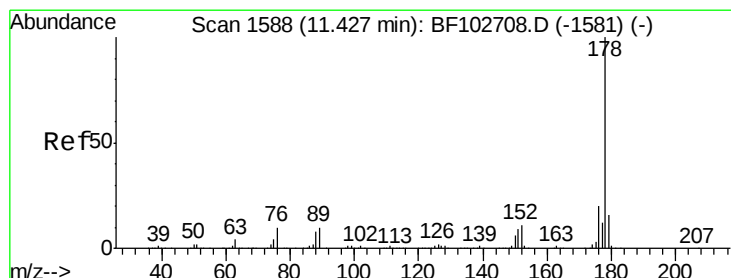
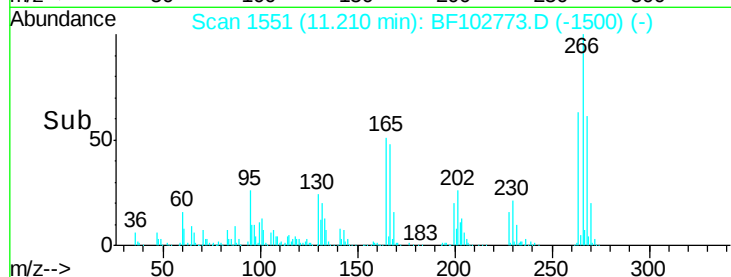
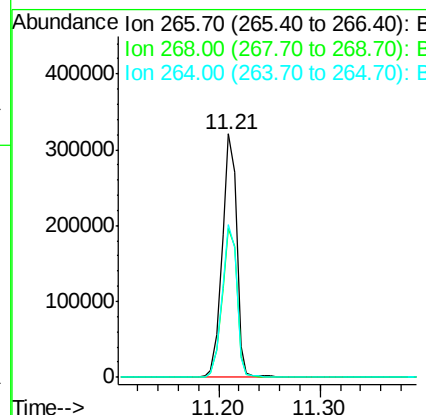
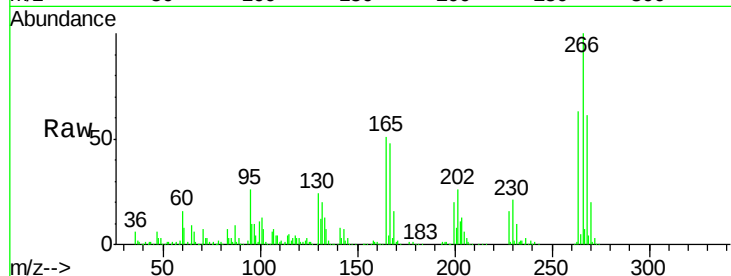
#69
 Pentachlorophenol
 Concen: 67.322 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF102773.D
 Acq: 6 Feb 2018 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB106315BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.1	76.7
264	62.5	49.5	74.3

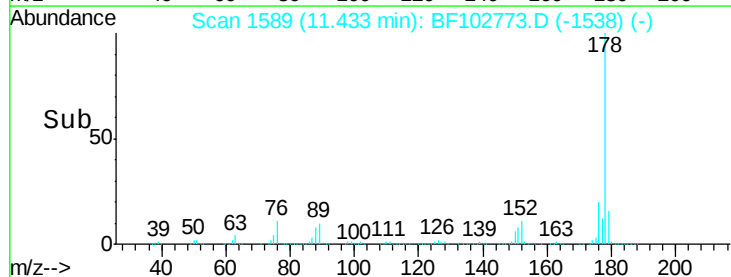
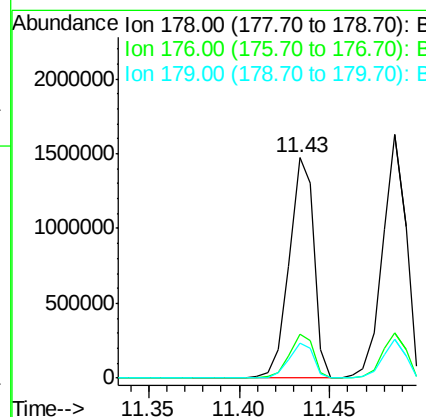
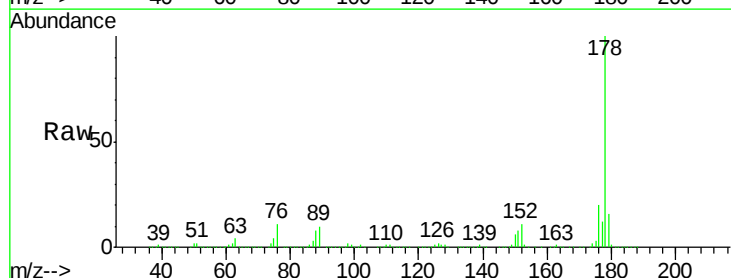
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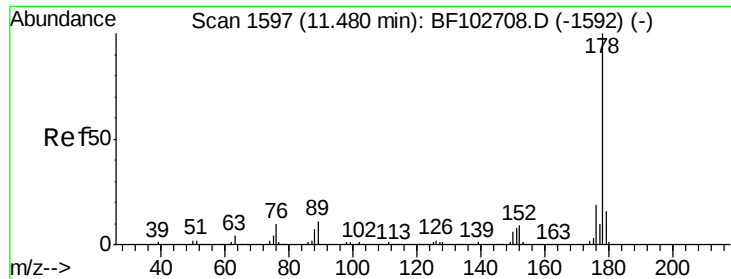
Sohil
 2/7/2018 4:16:05 PM



#70
 Phenanthrene
 Concen: 36.108 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF102773.D
 Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.8	13.0	19.6





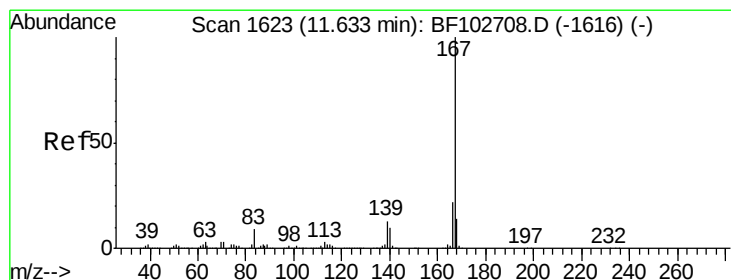
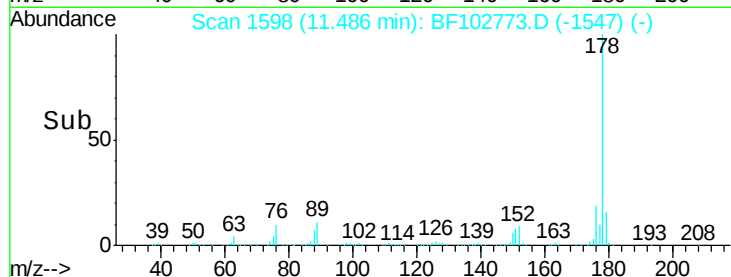
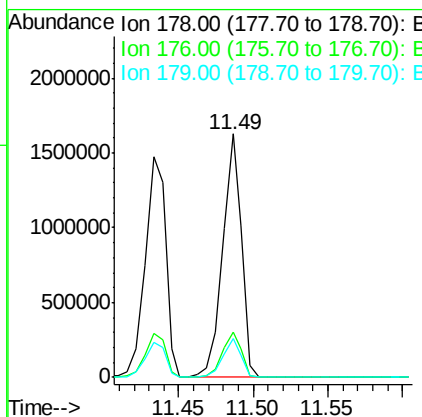
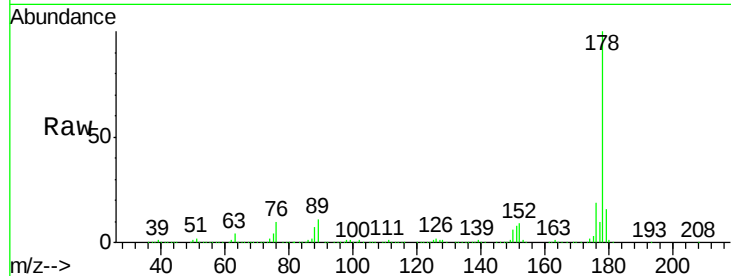
#71
 Anthracene
 Concen: 36.752 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF102773.D
 Acq: 6 Feb 2018 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB106315BS

Tot Ion:178 Resp: 1451365
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.9 12.6 19.0

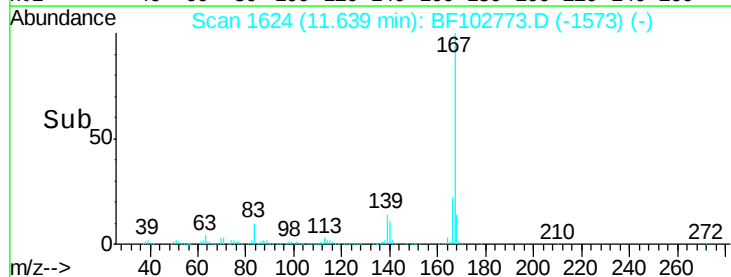
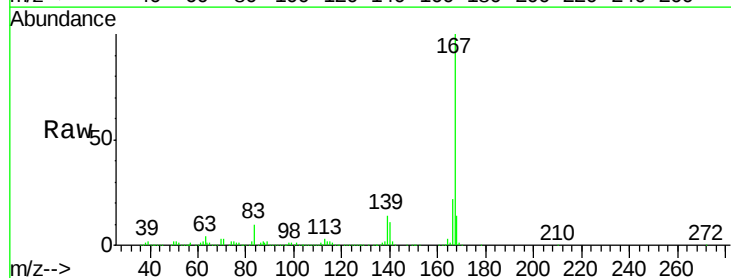
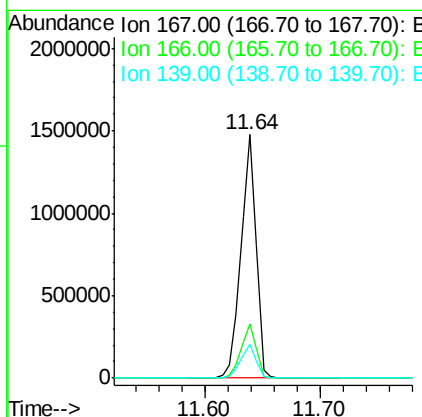
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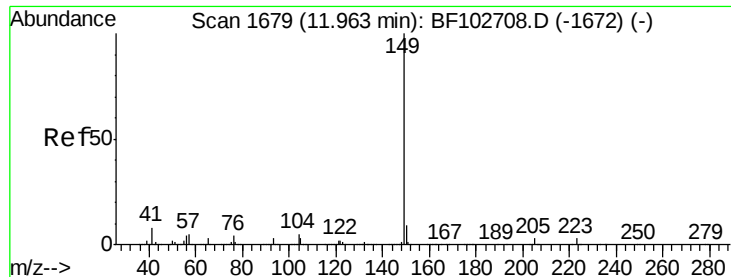
Sohil
 2/7/2018 4:16:05 PM



#72
 Carbazole
 Concen: 34.974 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF102773.D
 Acq: 6 Feb 2018 10:21

Tgt Ion:167 Resp: 1353080
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.364 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Instrument :

BNA_F

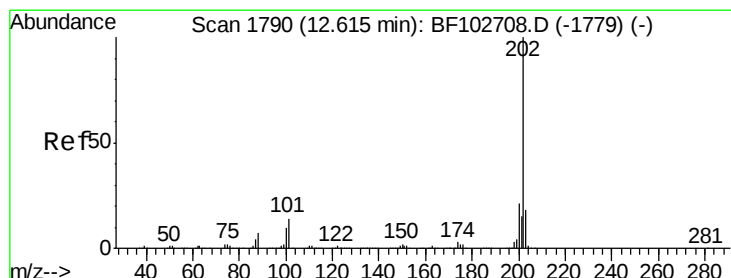
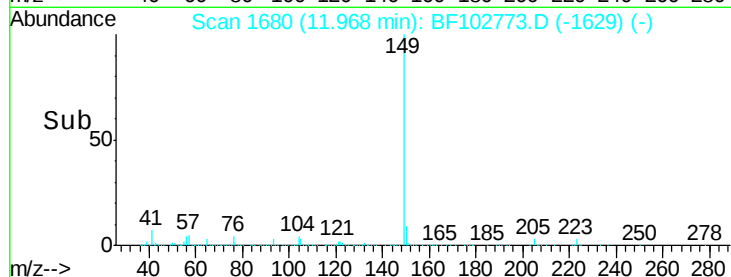
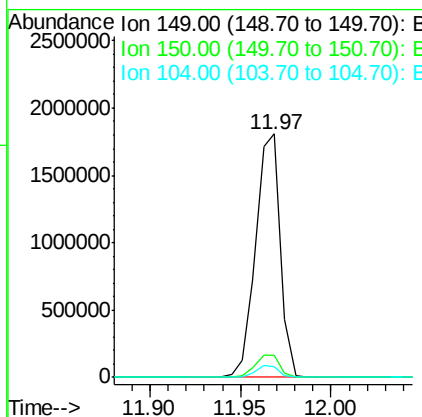
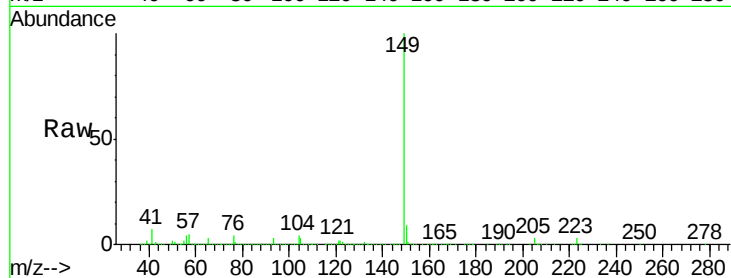
ClientSampleId :

PB106315BS

Tot Ion:	149	Resp:	1708963
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.5	3.8	5.8

Manual Integrations
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2/7/2018 4:16:05 PM



#74

Fluoranthene

Concen: 36.660 ng

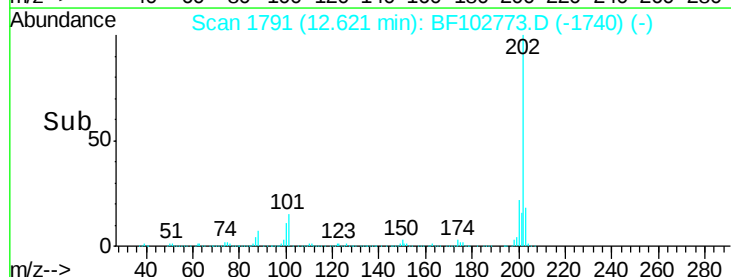
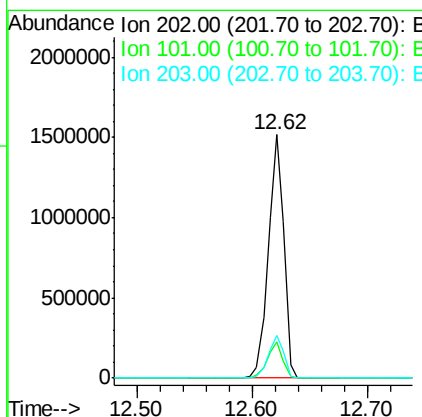
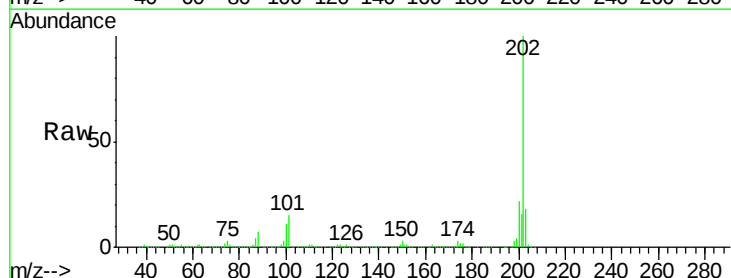
RT: 12.62 min Scan# 1791

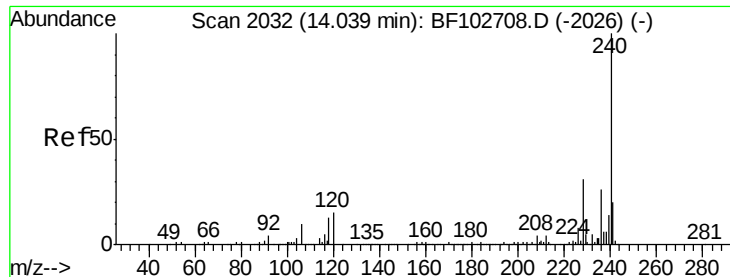
Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Tgt Ion:	202	Resp:	1432099
Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Instrument :

BNA_F

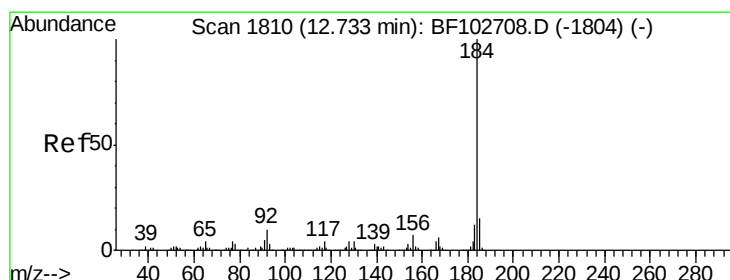
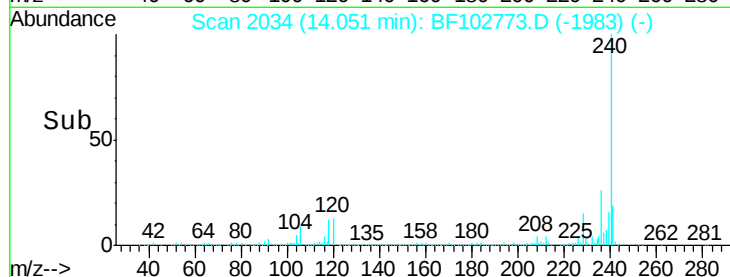
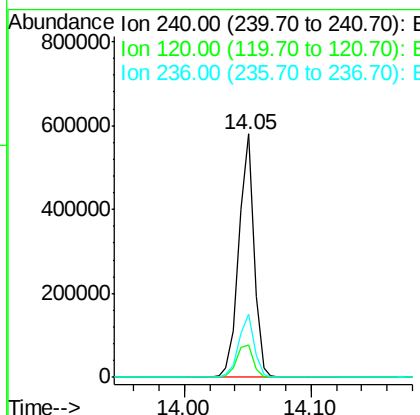
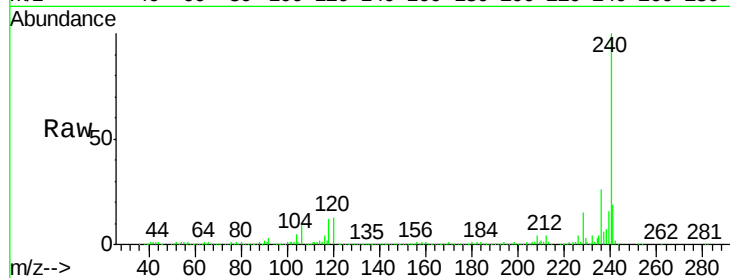
ClientSampleId :

PB106315BS

Tot Ion:	240	Resp:	475396
Ion Ratio	Lower	Upper	
240	100		
120	13.1	9.5	14.3
236	25.9	20.7	31.1

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#76

Benzidine

Concen: 10.427 ng

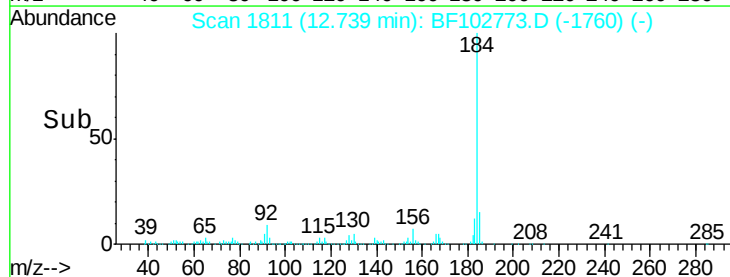
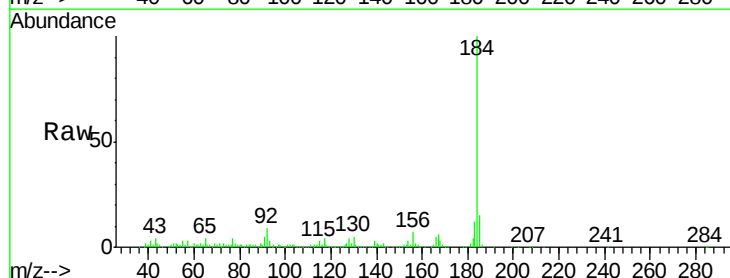
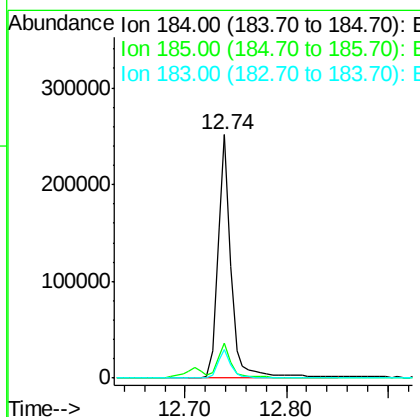
RT: 12.74 min Scan# 1811

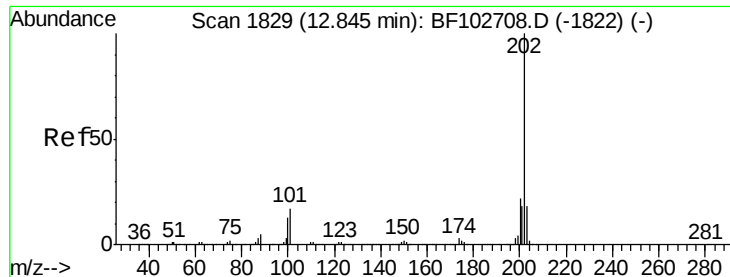
Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Tgt Ion:	184	Resp:	227816
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.6	18.8
183	11.7	9.3	13.9





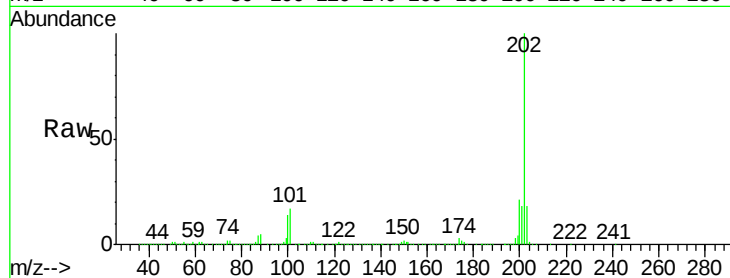
#77
Pvrene
Concen: 39.295 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Instrument :
BNA_F
ClientSampleId :
PB106315BS

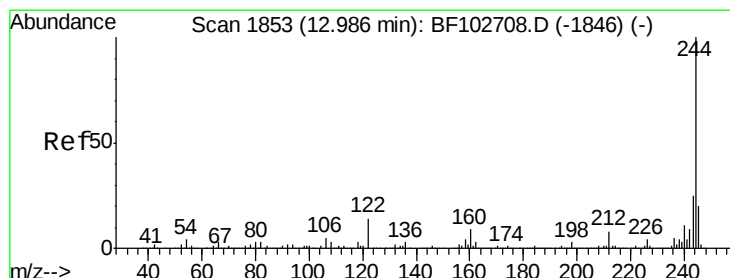
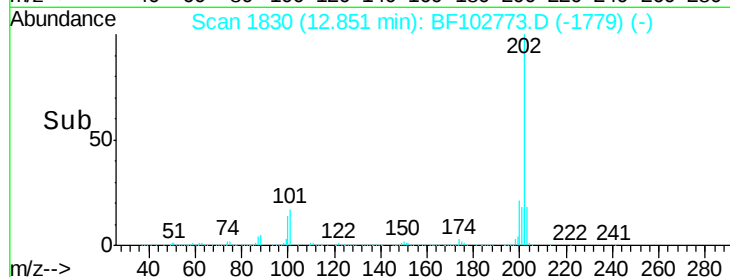
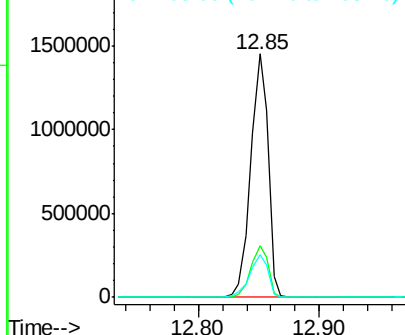
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.8	14.3	21.5

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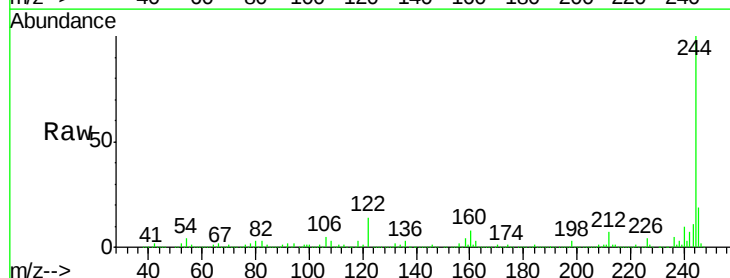


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

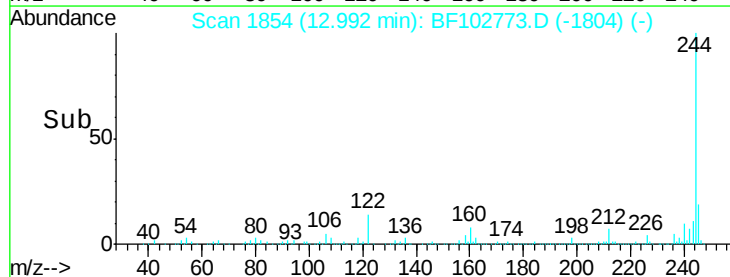
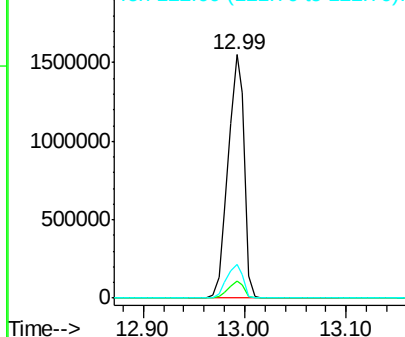


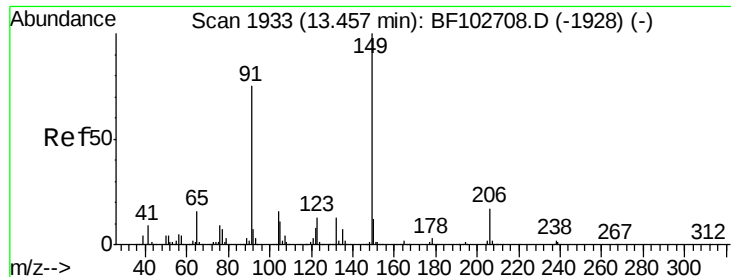
#78
Terphenyl-d14
Concen: 85.227 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.0	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





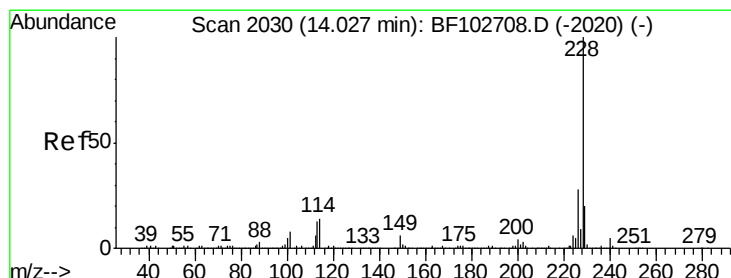
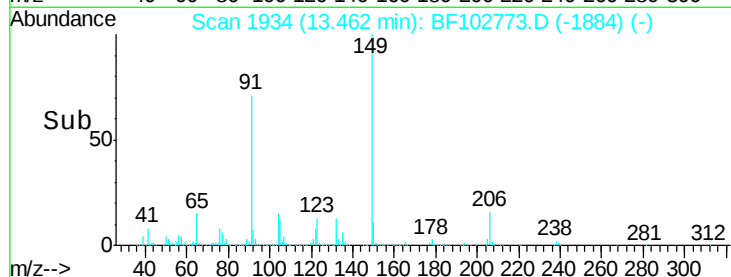
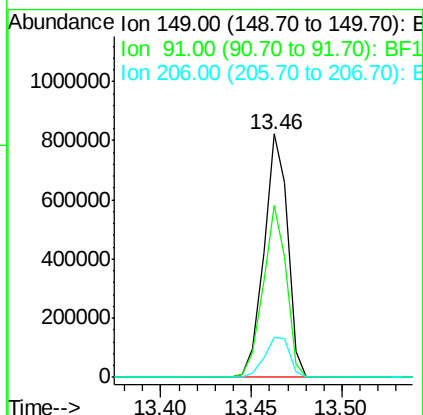
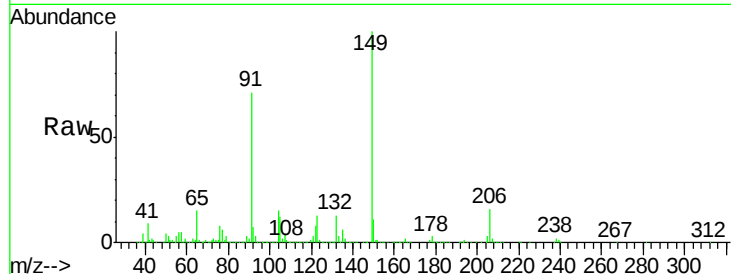
#79
Butylbenzylphthalate
Concen: 41.664 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Instrument :
BNA_F
ClientSampleID :
PB106315BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.6	56.8	85.2
206	16.4	14.1	21.1

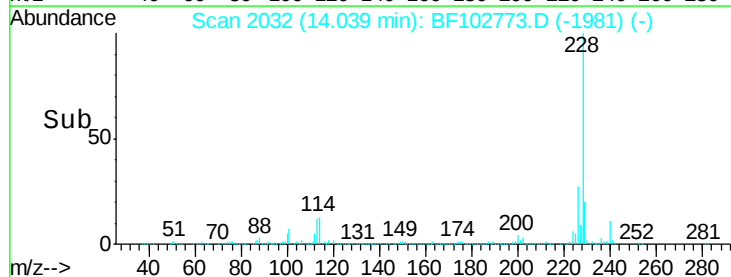
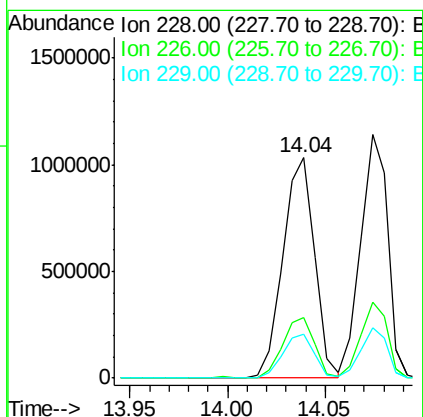
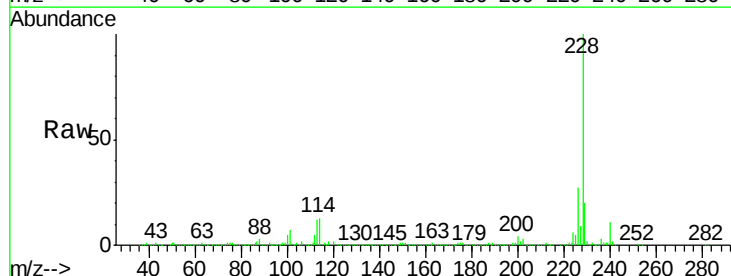
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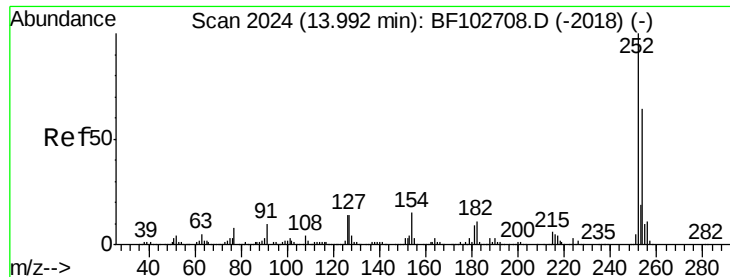
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#80
Benzo(a)anthracene
Concen: 38.707 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.7	15.8	23.6





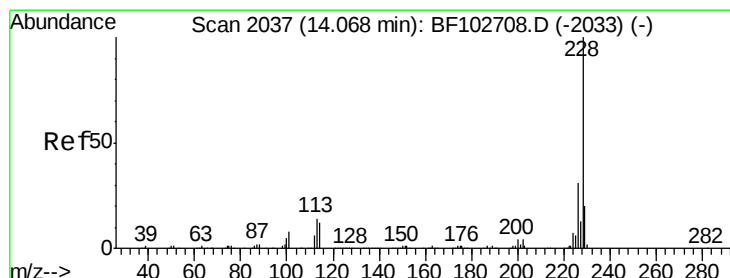
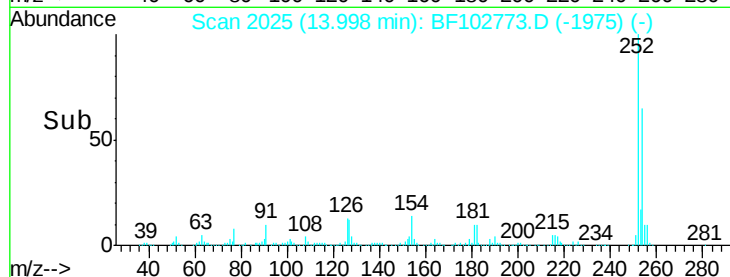
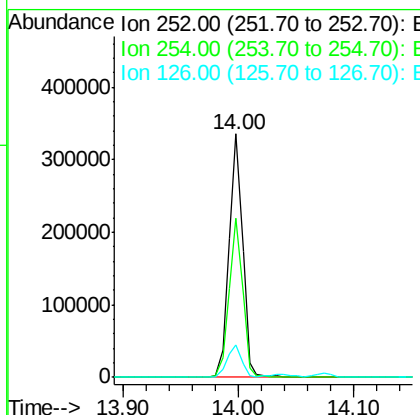
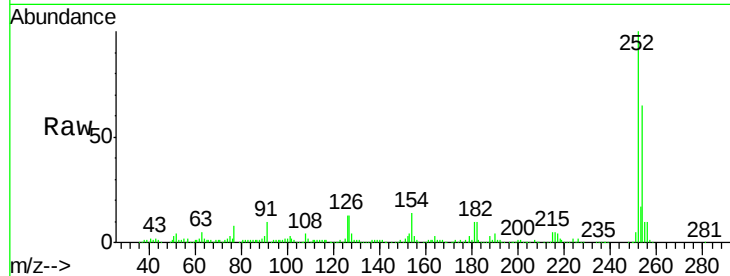
#81
 3,3'-Dichlorobenzidine
 Concen: 24.853 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF102773.D
 Acq: 6 Feb 2018 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB106315BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.1	50.4	75.6
126	13.3	11.3	16.9

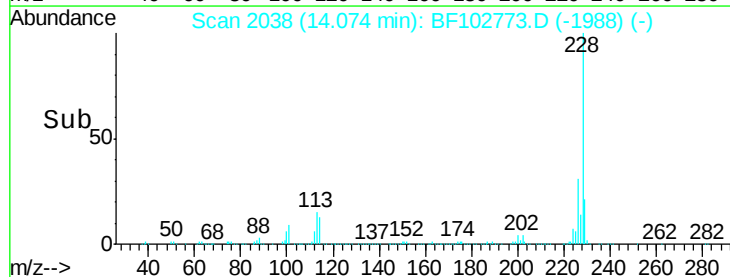
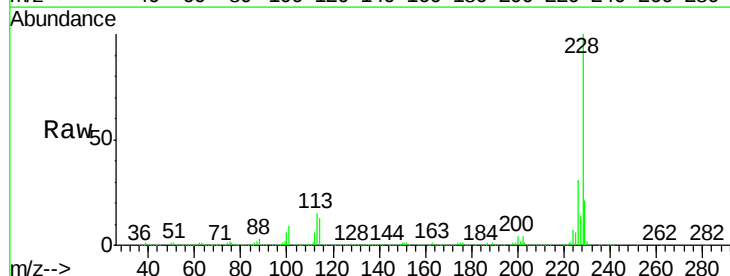
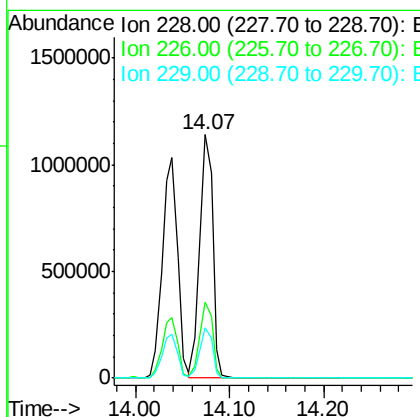
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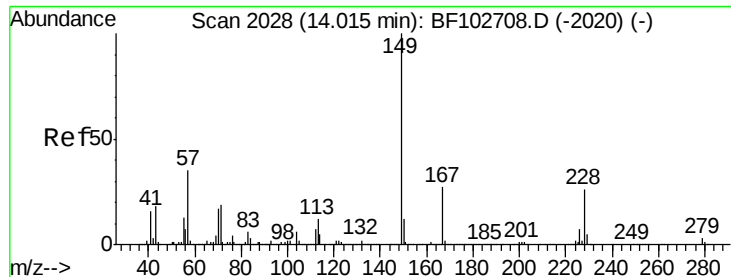
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#82
 Chrysene
 Concen: 36.598 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF102773.D
 Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.593 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Instrument :

BNA_F

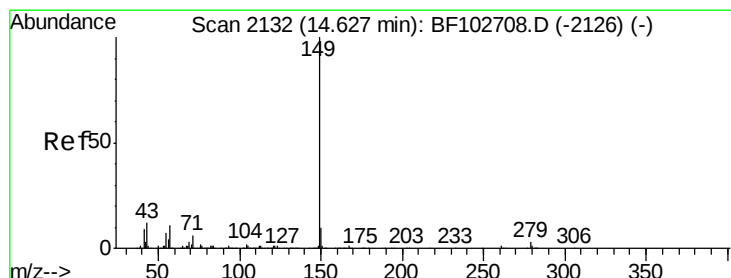
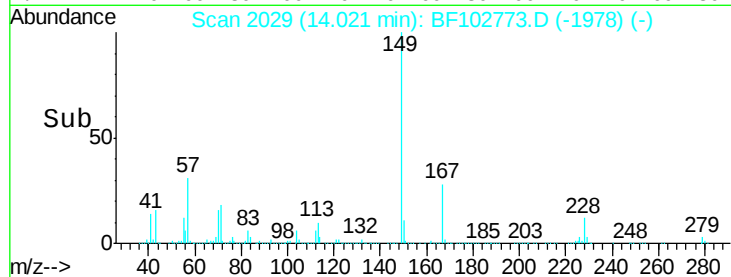
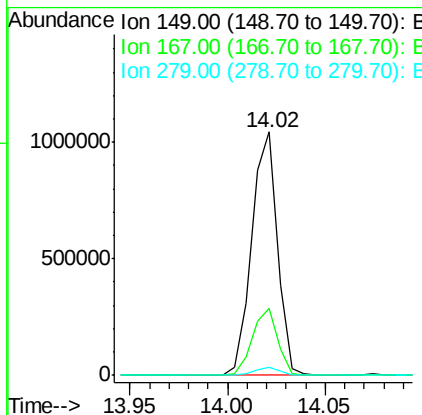
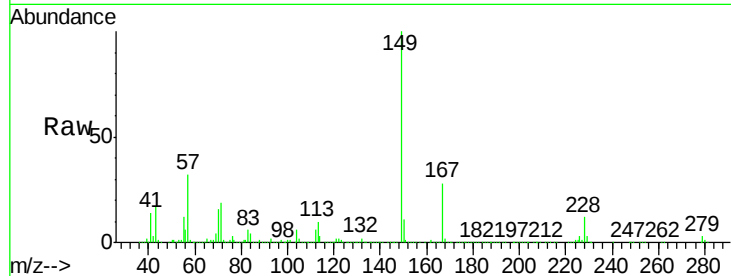
ClientSampleId :

PB106315BS

Tot Ion:	149	Resp:	949824
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.3	31.9
279	3.3	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 43.123 ng

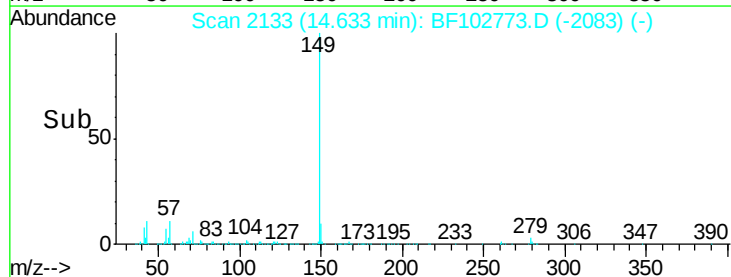
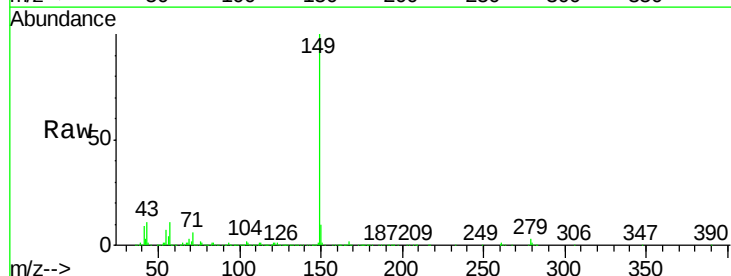
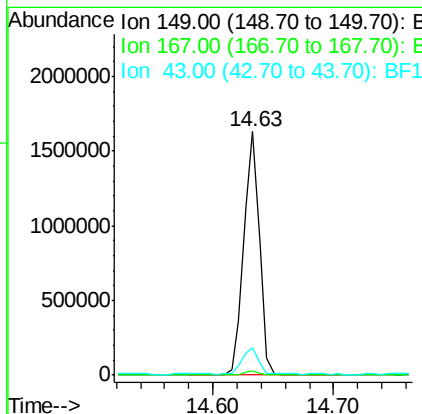
RT: 14.63 min Scan# 2133

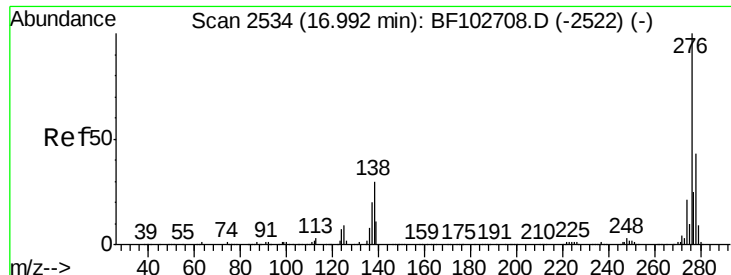
Delta R.T. -0.01 min

Lab File: BF102773.D

Acq: 6 Feb 2018 10:21

Tgt Ion:	149	Resp:	1478649
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.9	8.4	12.6





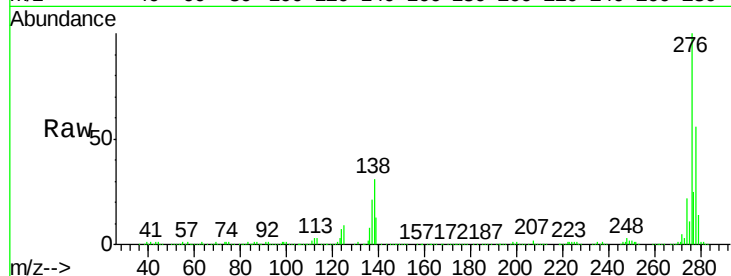
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.694 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Instrument :
BNA_F
ClientSampleId :
PB106315BS

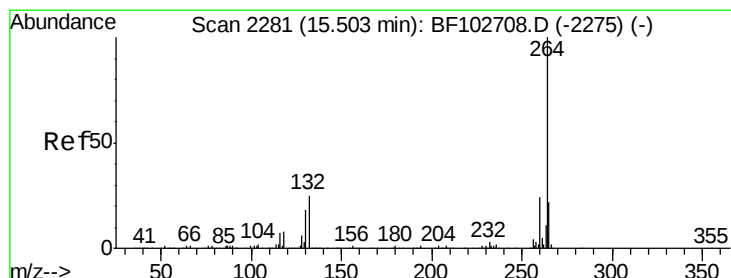
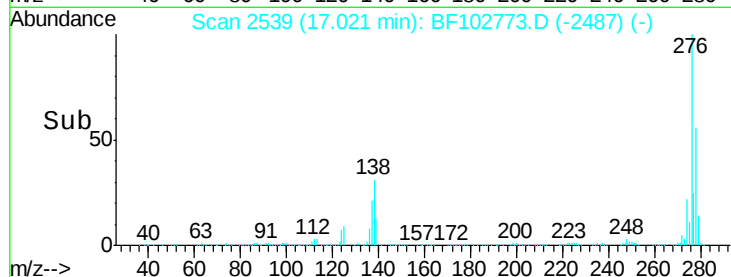
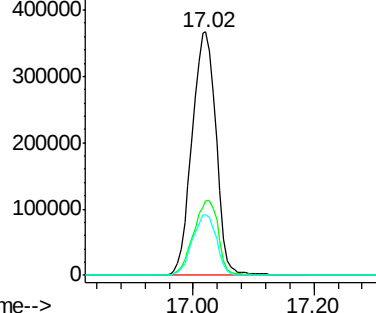
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.0	25.0	37.6
277	25.1	20.1	30.1

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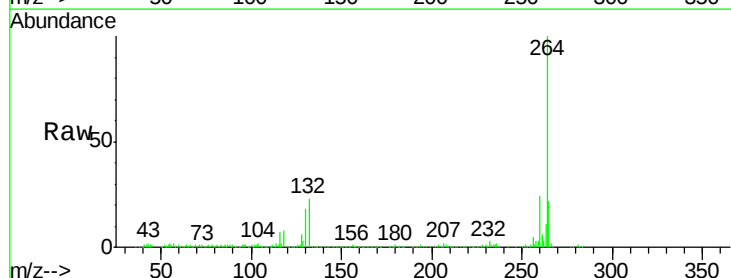


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

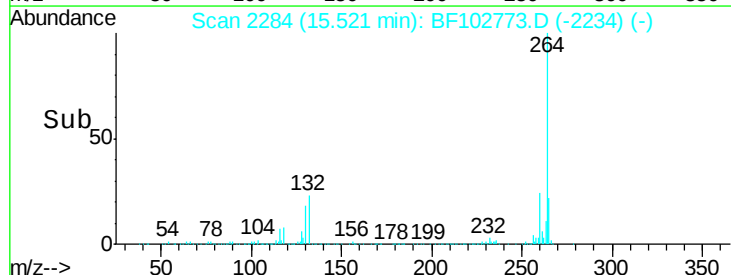
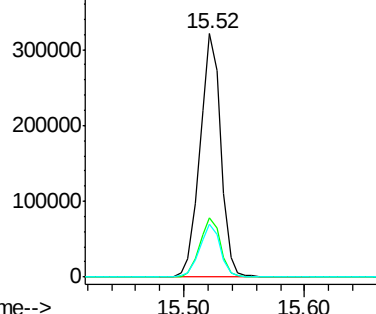


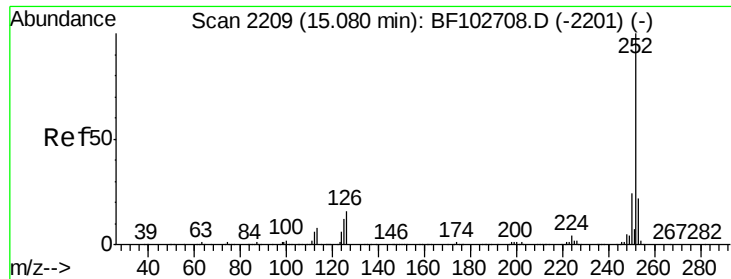
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	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





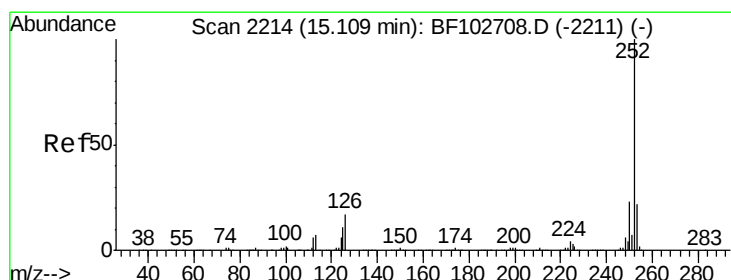
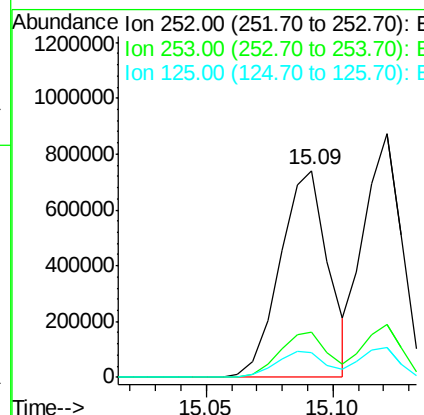
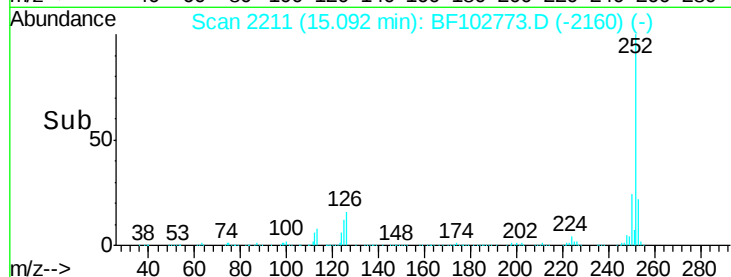
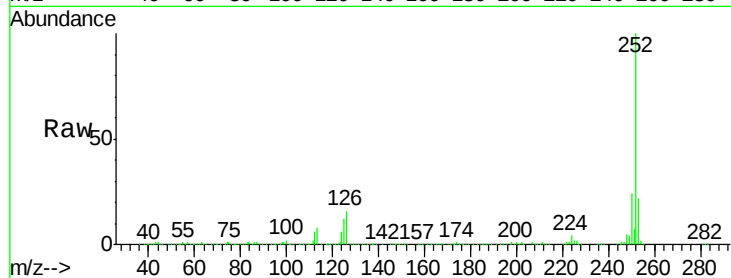
#87
Benzo(b)fluoranthene
Concen: 39.276 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Instrument :
BNA_F
ClientSampleId :
PB106315BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	11.9	9.0	13.6

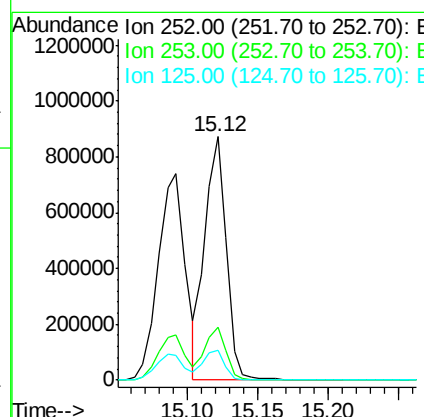
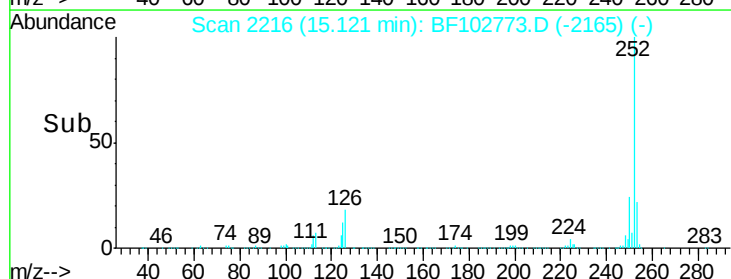
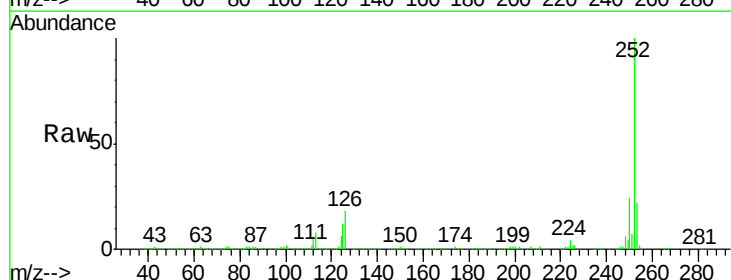
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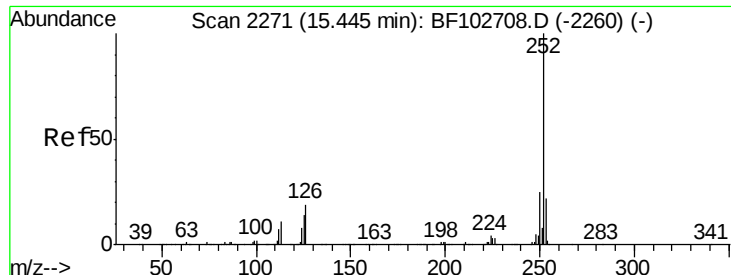
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#88
Benzo(k)fluoranthene
Concen: 38.398 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	12.4	10.2	15.2





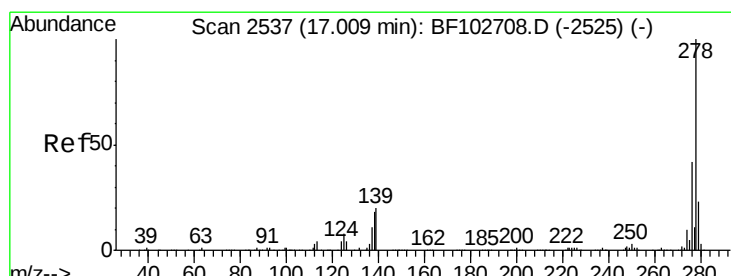
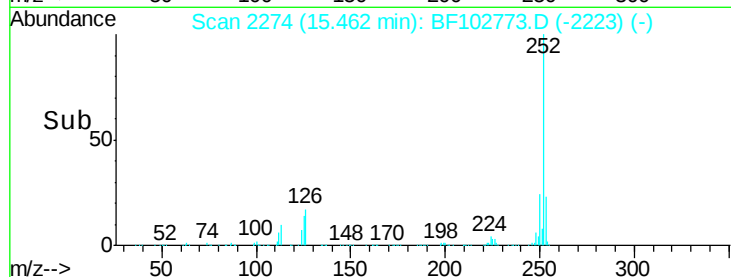
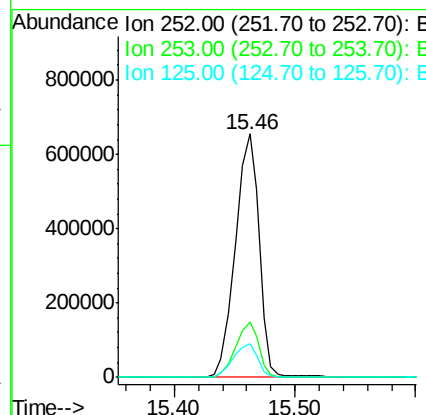
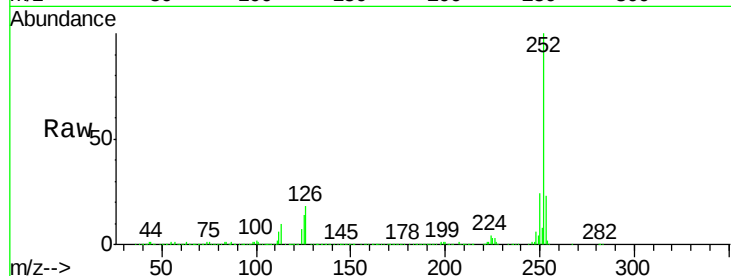
#89
Benzo(a)pyrene
Concen: 39.995 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Instrument :
BNA_F
ClientSampleId :
PB106315BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	13.8	9.8	14.6

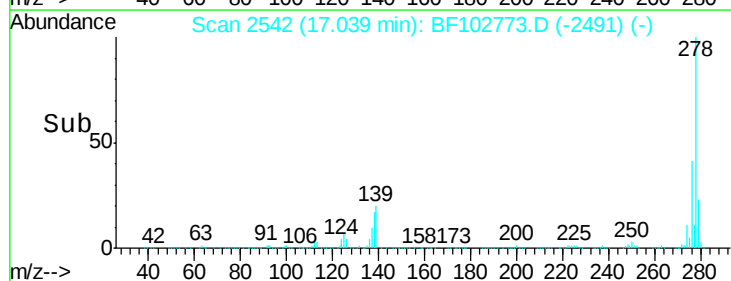
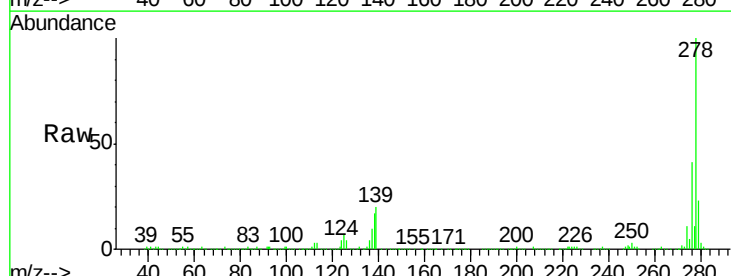
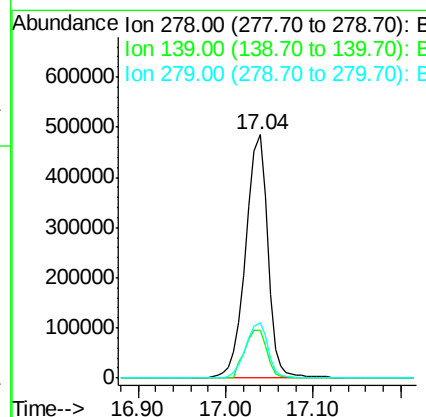
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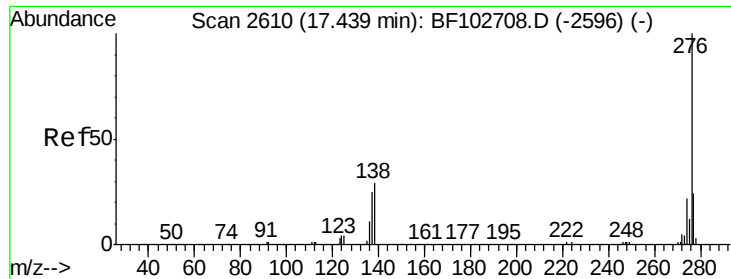
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#90
Dibenzo(a,h)anthracene
Concen: 45.422 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.00 min
Lab File: BF102773.D
Acq: 6 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.8	15.9	23.9
279	22.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 49.820 ng
 RT: 17.47 min Scan# 2616
 Delta R.T. -0.00 min
 Lab File: BF102773.D
 Acq: 6 Feb 2018 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB106315BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.3	17.9	26.9	
138	28.0	21.8	32.8	

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