

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102974.D
 Acq On : 13 Feb 2018 20:55
 Operator : SJ/JU
 Sample : PB106515BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BS

Manual Integrations
 APPROVED

Sohil
 2/14/2018 10:29:53 AM

Quant Time: Feb 14 02:38:39 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 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	160916	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	630999	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	244950	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	370445	20.00	ng	0.00
75) Chrysene-d12	14.04	240	269519	20.00	ng	0.00
86) Perylene-d12	15.52	264	200849	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1207767	113.98	ng	0.02
7) Phenol-d6	6.51	99	1450697	113.71	ng	0.01
23) Nitrobenzene-d5	7.45	82	913926	100.47	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	230620	116.97	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1365614	92.51	ng	0.00
78) Terphenyl-d14	12.99	244	1075301	94.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	147422	28.169	ng	88
4) n-Nitrosodimethylamine	3.40	42	208827	33.755	ng	94
6) Aniline	6.54	93	65153	3.458	ng	93
8) 2-Chlorophenol	6.66	128	357322	32.756	ng	94
9) Benzaldehyde	6.43	77	99155	10.465	ng	98
10) Phenol	6.52	94	445110	32.555	ng	94
11) bis(2-Chloroethyl)ether	6.61	93	362993	31.905	ng	89
12) 1,3-Dichlorobenzene	6.82	146	383870	30.388	ng	97
13) 1,4-Dichlorobenzene	6.89	146	387896	30.826	ng	99
14) 1,2-Dichlorobenzene	7.05	146	352975	30.116	ng	97
15) Benzyl Alcohol	7.02	79	315522	32.167	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	643308	29.766	ng	99
17) 2-Methylphenol	7.13	107	308601	30.670	ng	97
18) Hexachloroethane	7.39	117	103436	23.971	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	247173	29.384	ng	95
20) 3+4-Methylphenols	7.28	107	364061	29.340	ng	# 75
22) Acetophenone	7.29	105	485522	31.443	ng	# 93
24) Nitrobenzene	7.46	77	388977	36.341	ng	97
25) Isophorone	7.70	82	707695	33.788	ng	100
26) 2-Nitrophenol	7.77	139	106714	28.560	ng	97
27) 2,4-Dimethylphenol	7.81	122	310221	35.058	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	459688	37.049	ng	98
29) 2,4-Dichlorophenol	8.02	162	271665	33.772	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	283448	31.147	ng	98
31) Naphthalene	8.18	128	981299	31.830	ng	99
32) Benzoic acid	7.86	122	5522m	9.396	ng	
33) 4-Chloroaniline	8.23	127	173411	13.057	ng	97
34) Hexachlorobutadiene	8.29	225	146536	31.424	ng	98
35) Caprolactam	8.58	113	31810m	11.387	ng	
36) 4-Chloro-3-methylphenol	8.70	107	286082	31.652	ng	100
37) 2-Methylnaphthalene	8.87	142	619546	30.694	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	237456	35.603	ng	99
40) Hexachlorocyclopentadiene	9.02	237	20296	6.401	ng	98
42) 2,4,6-Trichlorophenol	9.15	196	151880	34.670	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.19	196	157944	31.989	nq	96
45) 1,1'-Biphenyl	9.33	154	704703	34.157	nq	98
46) 2-Chloronaphthalene	9.36	162	542357	33.391	nq	98
47) 2-Nitroaniline	9.46	65	209874	42.317	nq	91
48) Acenaphthylene	9.78	152	791643	31.380	nq	99
49) Dimethylphthalate	9.63	163	711975	37.278	nq	100
50) 2,6-Dinitrotoluene	9.70	165	114908	31.623	nq	96
51) Acenaphthene	9.95	154	459824	30.479	nq	99
52) 3-Nitroaniline	9.87	138	165868	37.098	nq	96
53) 2,4-Dinitrophenol	9.97	184	2524	11.745	nq	# 30
54) Dibenzofuran	10.12	168	691032	32.502	nq	98
55) 4-Nitrophenol	10.03	139	185132	51.876	nq	94
56) 2,4-Dinitrotoluene	10.10	165	132399	28.503	nq	94
57) Fluorene	10.46	166	501276	32.405	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	109851	32.100	nq	97
59) Diethylphthalate	10.33	149	648717	34.399	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	237136	34.653	nq	99
61) 4-Nitroaniline	10.48	138	170783	40.130	nq	93
62) Azobenzene	10.62	77	592928	31.472	nq	96
64) 4,6-Dinitro-2-methylphenol	10.51	198	3585	10.932	nq	85
65) n-Nitrosodiphenylamine	10.57	169	448646	34.335	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	137187	35.009	nq	89
67) Hexachlorobenzene	11.01	284	140563	32.515	nq	98
68) Atrazine	11.09	200	107871	27.983	nq	97
69) Pentachlorophenol	11.20	266	122879	48.422	nq	99
70) Phenanthrene	11.43	178	677528	32.840	nq	99
71) Anthracene	11.48	178	701122	33.412	nq	99
72) Carbazole	11.63	167	660611	32.134	nq	99
73) Di-n-butylphthalate	11.96	149	911737	36.510	nq	99
74) Fluoranthene	12.62	202	690574	33.269	nq	99
77) Pyrene	12.84	202	707454	33.474	nq	99
79) Butylbenzylphthalate	13.46	149	380739	37.883	nq	95
80) Benzo(a)anthracene	14.03	228	570180	33.639	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	147407	23.455	nq	99
82) Chrysene	14.07	228	539830	31.594	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	548415	42.359	nq	# 99
84) Di-n-octyl phthalate	14.62	149	874044	44.961	nq	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	396487	27.978	nq	98
87) Benzo(b)fluoranthene	15.09	252	442203	33.959	nq	97
88) Benzo(k)fluoranthene	15.12	252	422040	33.920	nq	100
89) Benzo(a)pyrene	15.46	252	394649	33.670	nq	98
90) Dibenzo(a,h)anthracene	17.03	278	336180	35.336	nq	99
91) Benzo(g,h,i)perylene	17.47	276	331172	35.564	nq	99

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

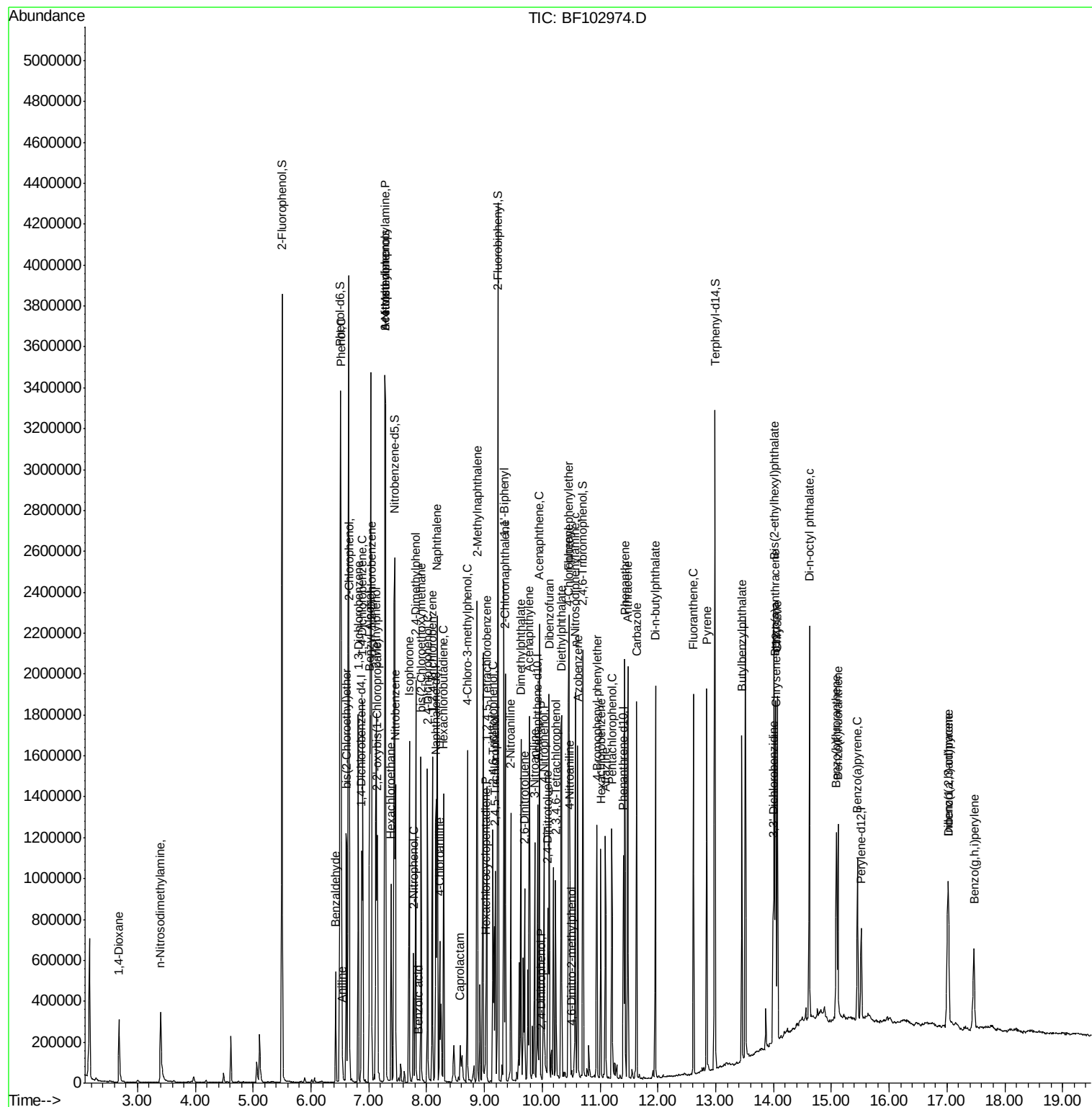
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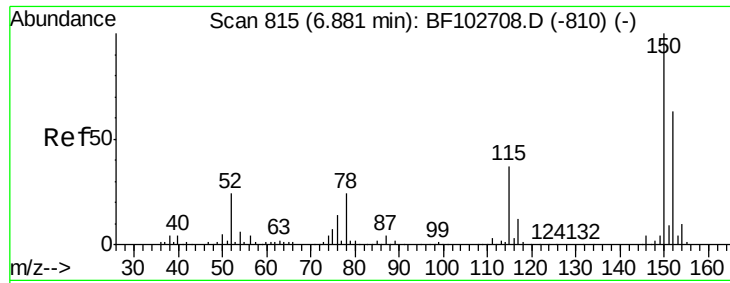
Instrument :
 BNA_F
 ClientSampled :
 PB106515BS

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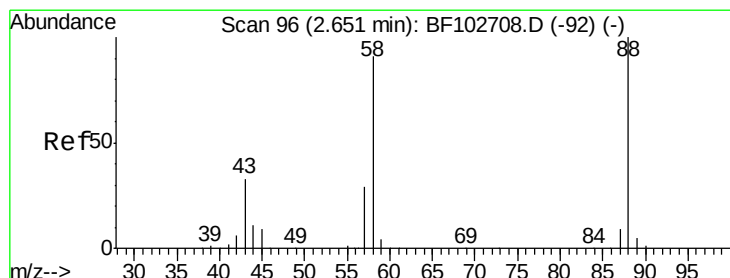
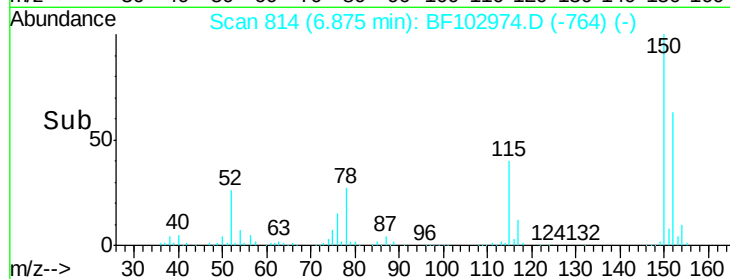
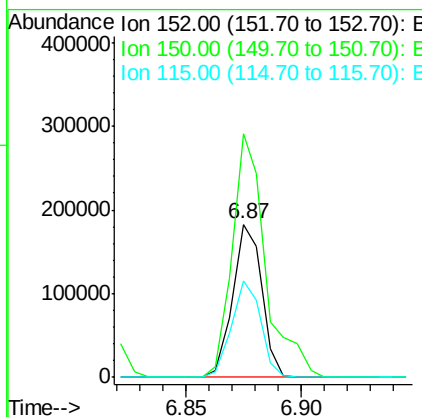
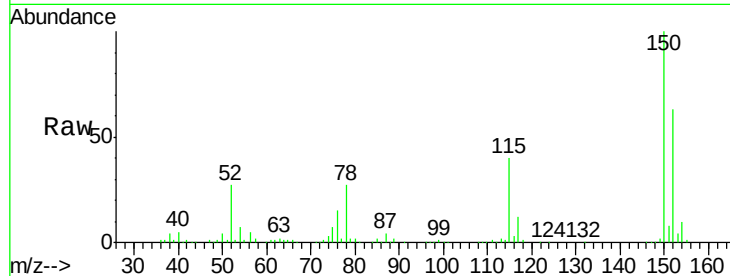
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	63.2	50.1	75.1

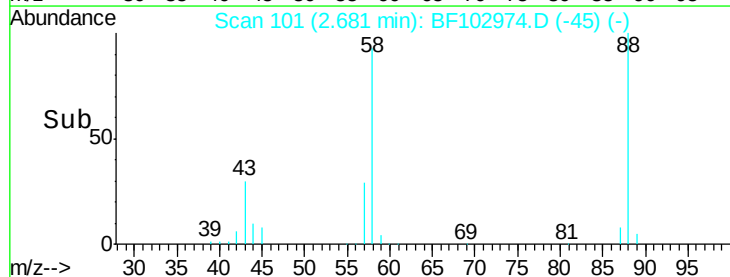
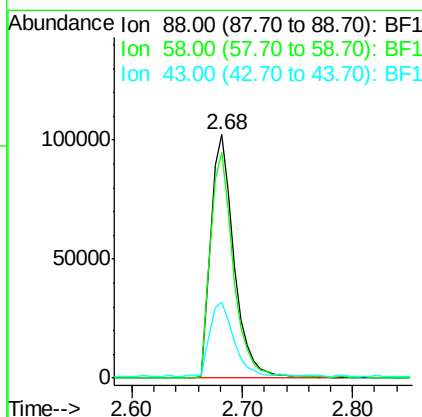
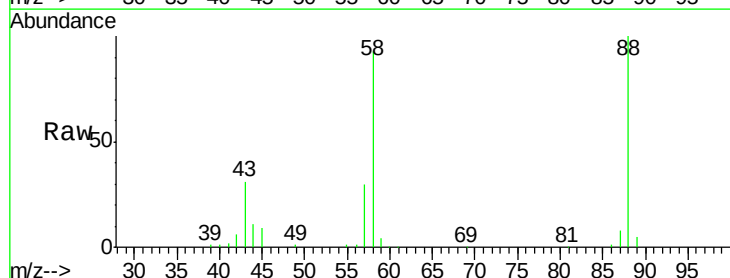
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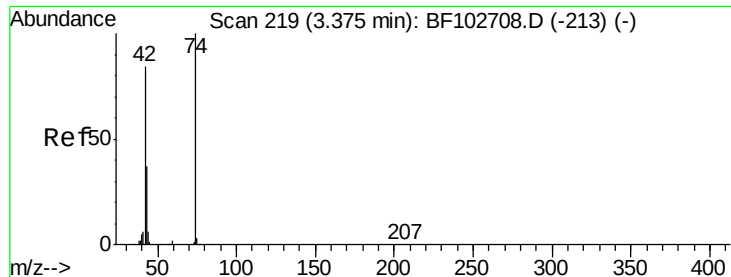
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#2
 1,4-Dioxane
 Concen: 28.169 ng
 RT: 2.68 min Scan# 101
 Delta R.T. 0.03 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.0	62.6	93.8
43	32.1	24.6	37.0





#4

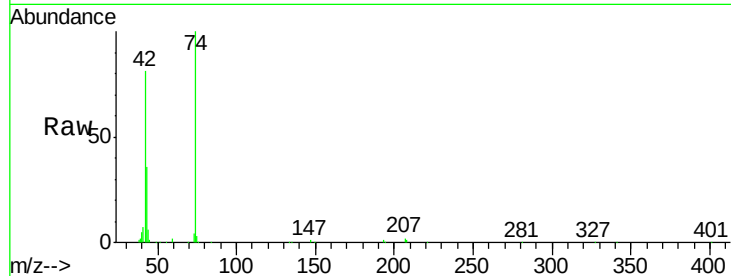
n-Nitrosodimethylamine
 Concen: 33.755 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.03 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BS

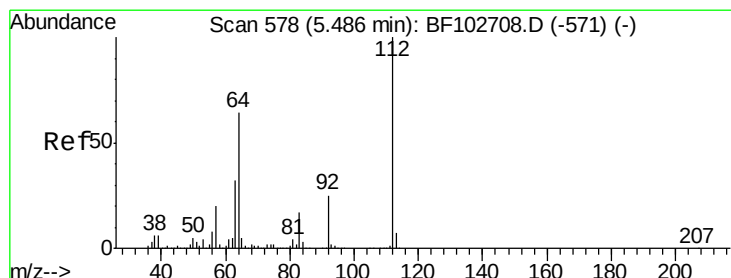
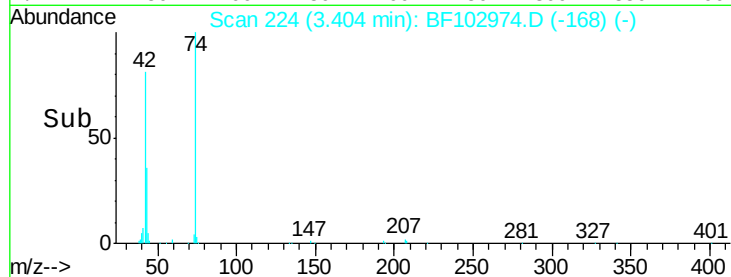
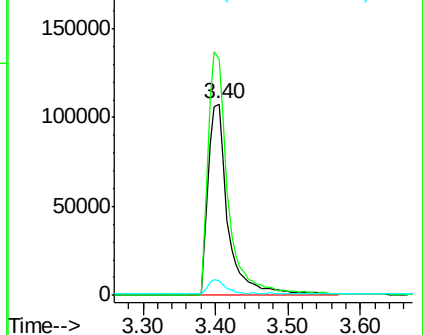
Tot Ion	Ratio	Resp	Lower	Upper
42	100			
74	123.3	104.9	157.3	
44	7.6	6.9	10.3	

Manual Integrations
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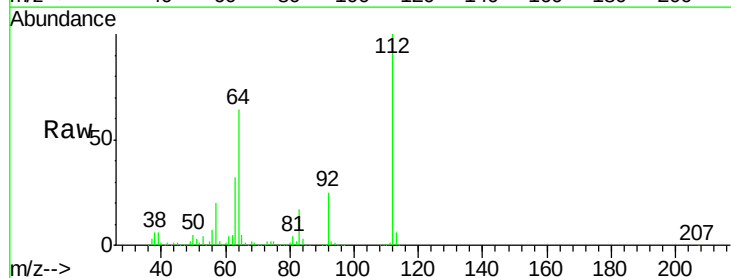
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



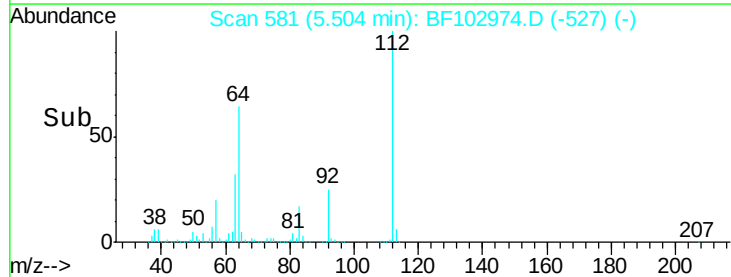
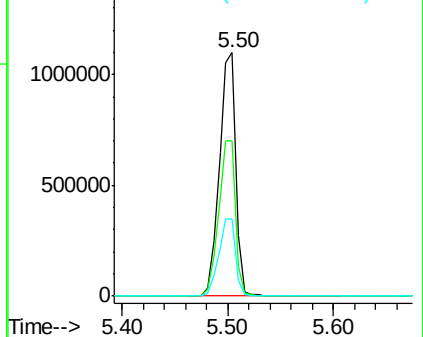
#5

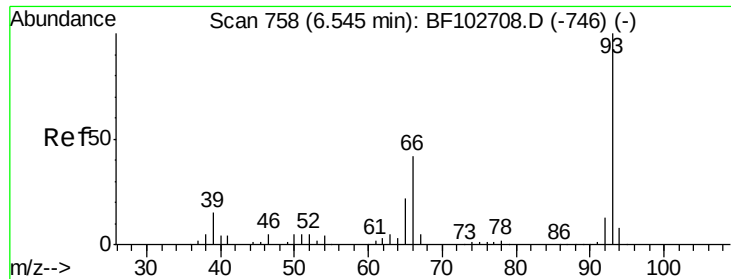
2-Fluorophenol
 Concen: 113.985 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.02 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
64	63.8	47.9	71.9	
63	31.6	23.7	35.5	



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 3.458 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

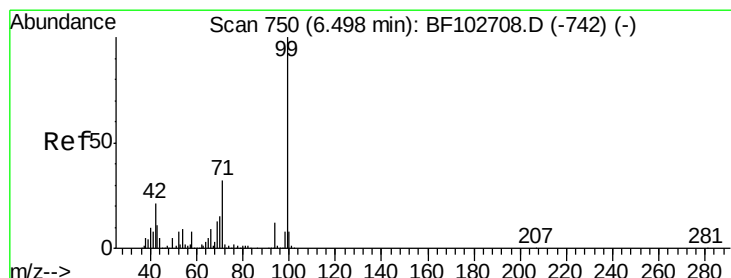
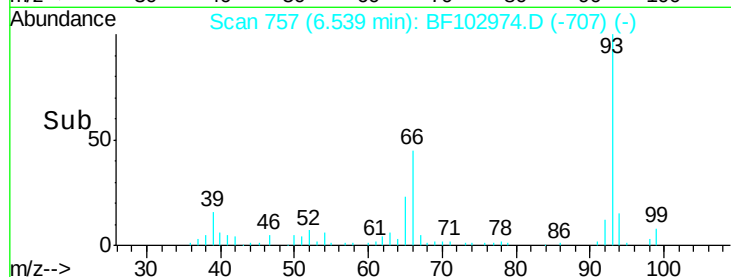
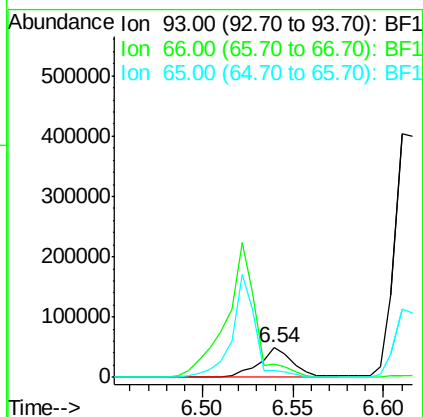
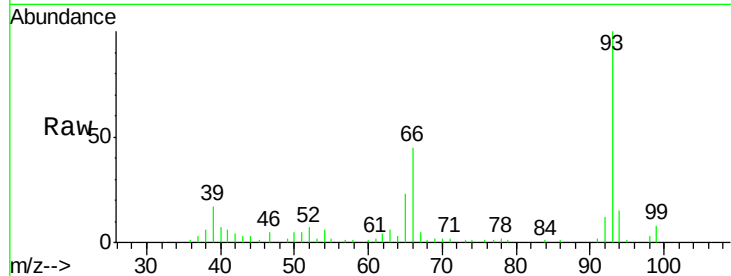
ClientSampleId :

PB106515BS

Tot Ion:	93	Resp:	65153
Ion	Ratio	Lower	Upper
93	100		
66	44.6	32.2	48.2
65	23.3	16.4	24.6

Manual Integrations
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#7

Phenol-d6

Concen: 113.707 ng

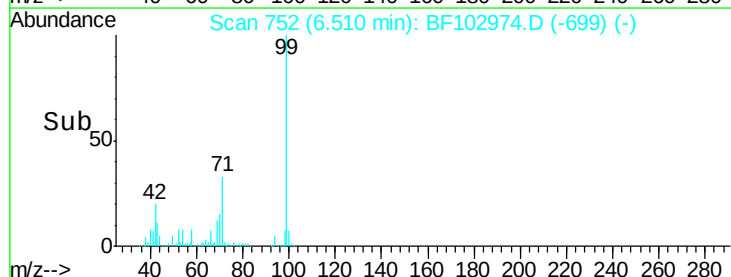
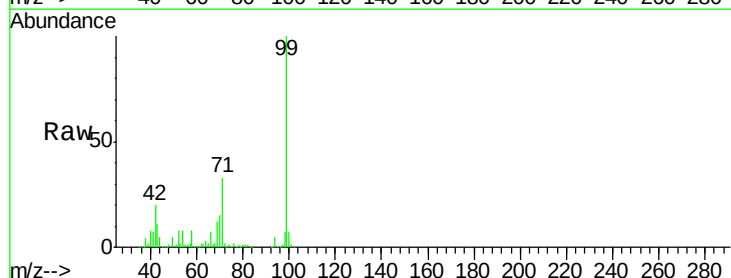
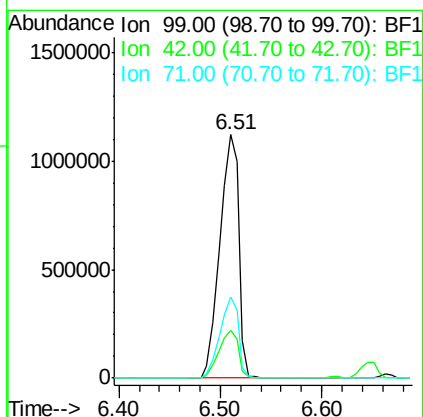
RT: 6.51 min Scan# 752

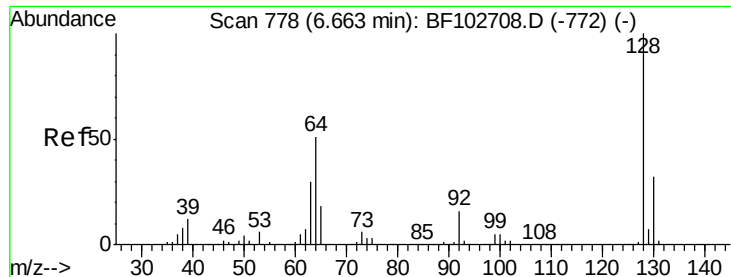
Delta R.T. 0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Tgt Ion:	99	Resp:	1450697
Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	33.3	25.4	38.0





#8

2-Chlorophenol

Concen: 32.756 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

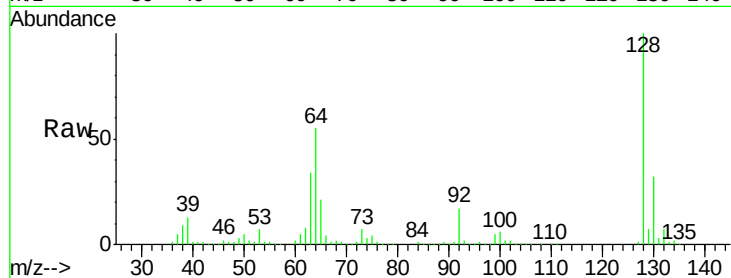
ClientSampleId :

PB106515BS

Tot Ion:	128	Resp:	357322
Ion Ratio	Lower	Upper	
128	100		
130	31.8	13.0	53.0
64	55.4	29.4	69.4

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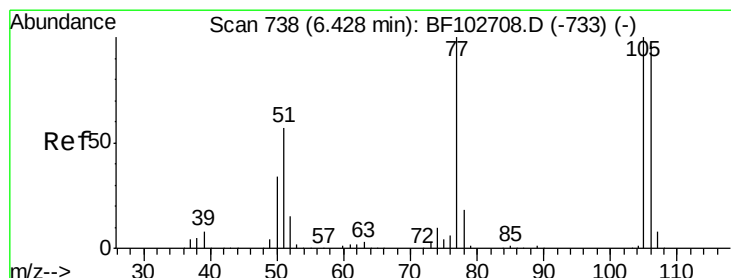
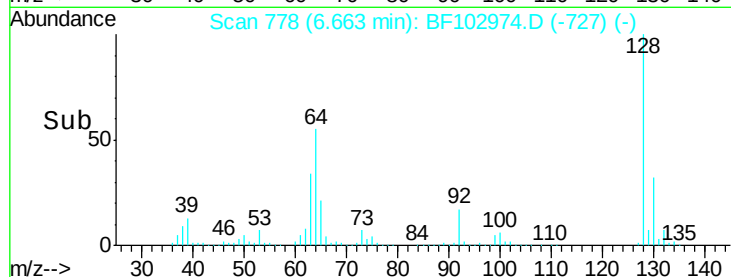
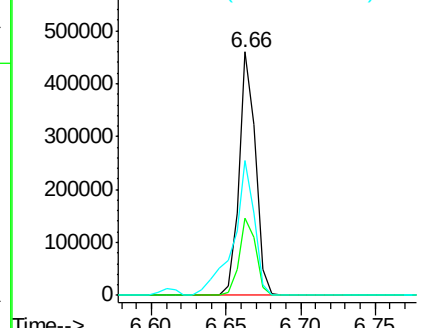
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 10.465 ng

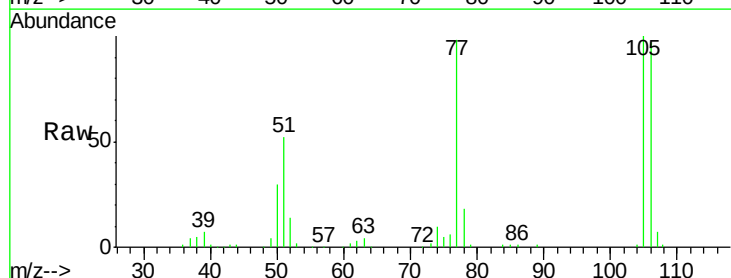
RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

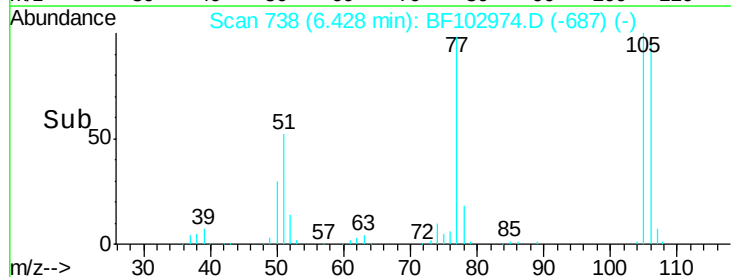
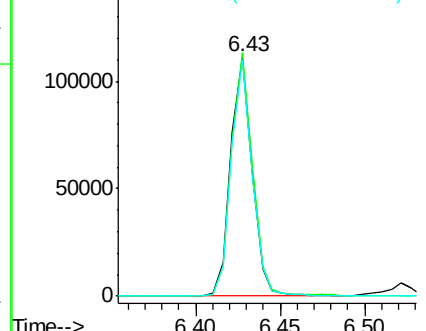
Tgt Ion:	77	Resp:	99155
Ion Ratio	Lower	Upper	
77	100		
105	101.9	81.1	121.1
106	98.5	74.5	114.5

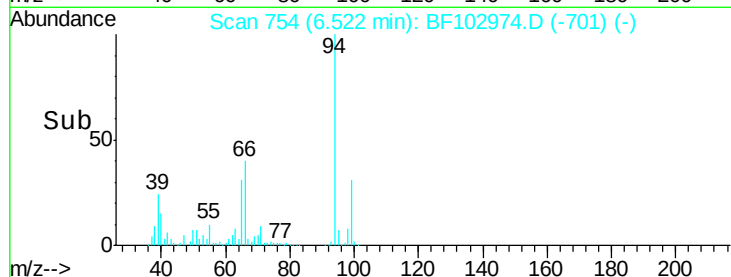
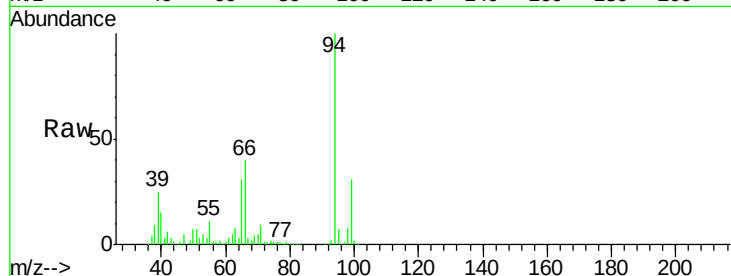
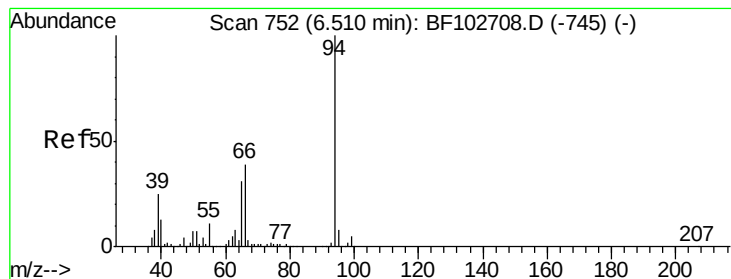


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 32.555 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Tot Ion:	94	Resp:	445110
Ion Ratio		Lower	Upper
94	100		
65	30.6	7.9	47.9
66	40.1	16.2	56.2

Instrument :

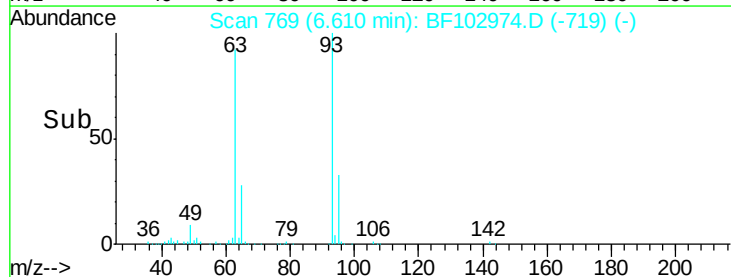
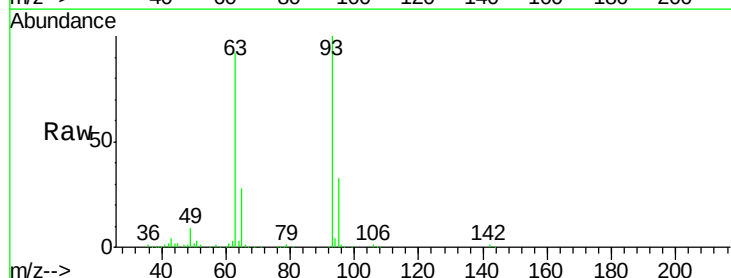
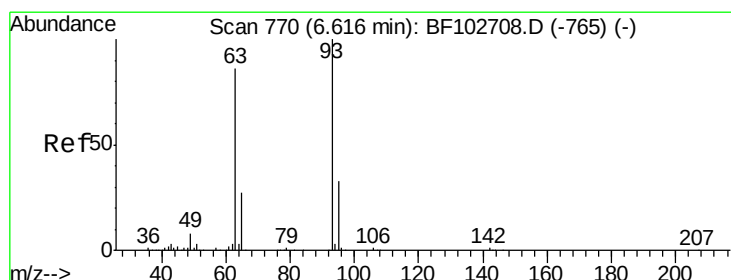
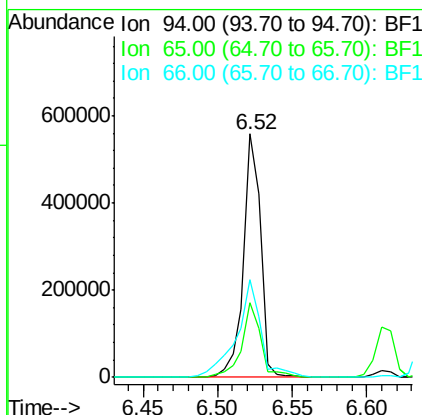
BNA_F

ClientSampleId :

PB106515BS

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#11

bis(2-Chloroethyl)ether

Concen: 31.905 ng

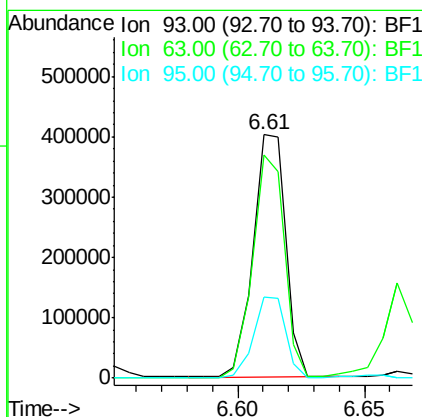
RT: 6.61 min Scan# 769

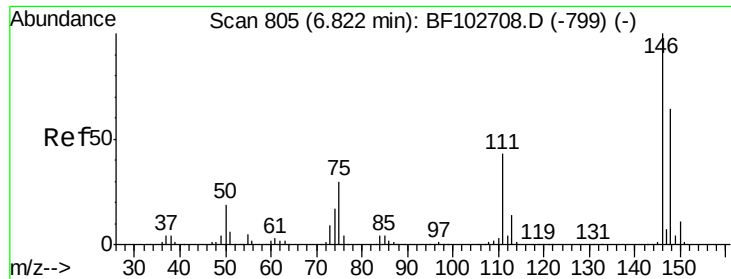
Delta R.T. -0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Tgt Ion:	93	Resp:	362993
Ion Ratio		Lower	Upper
93	100		
63	91.8	58.6	98.6
95	33.1	11.8	51.8





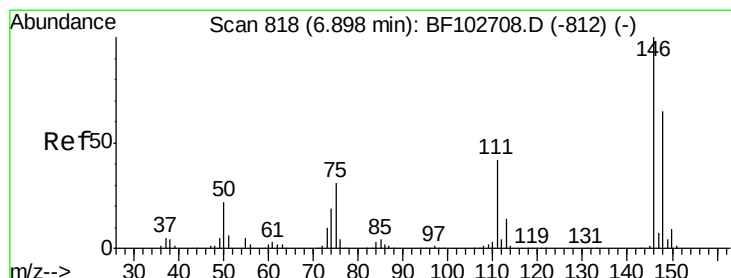
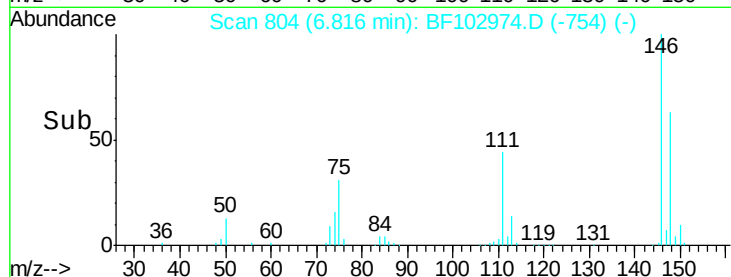
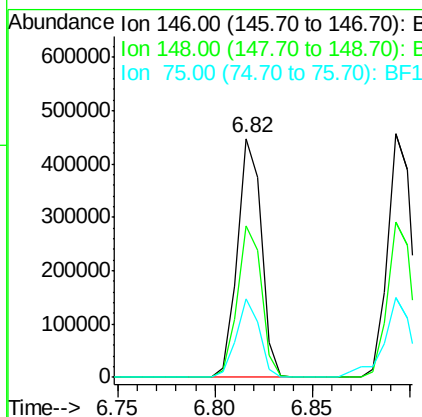
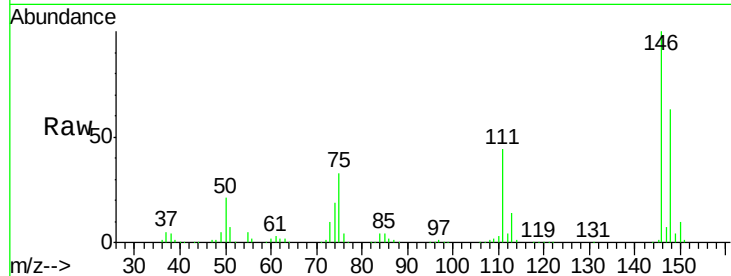
#12
 1,3-Dichlorobenzene
 Concen: 30.388 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
75	32.7	24.2	36.4

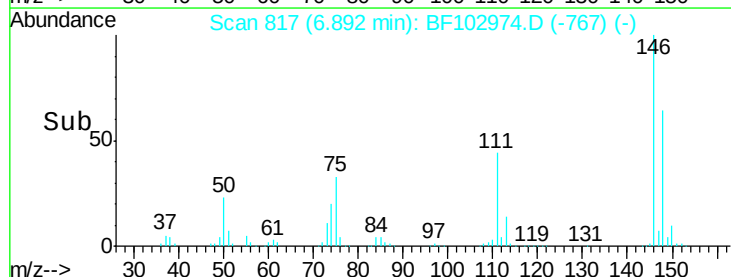
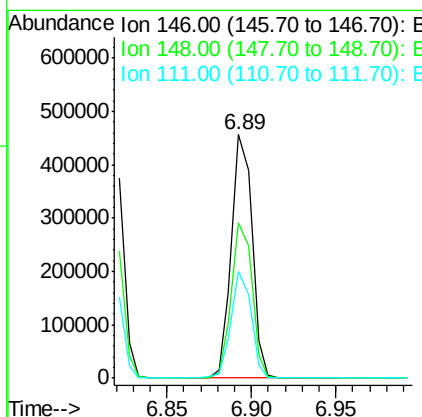
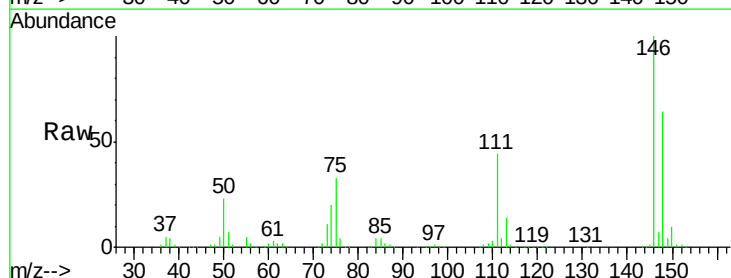
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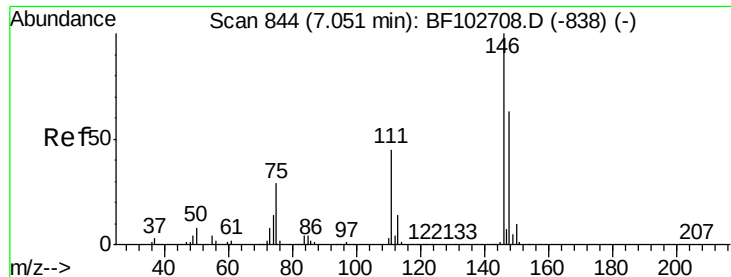
Sohil
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#13
 1,4-Dichlorobenzene
 Concen: 30.826 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	43.7	34.2	51.2





#14

1,2-Dichlorobenzene

Concen: 30.116 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

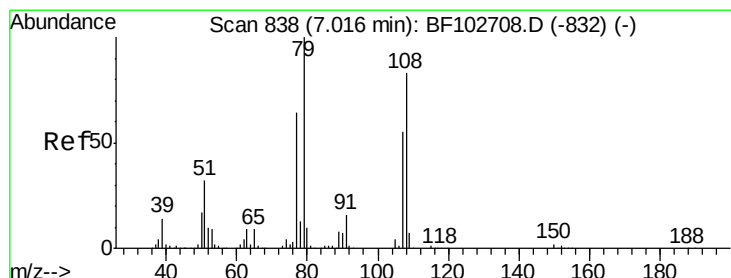
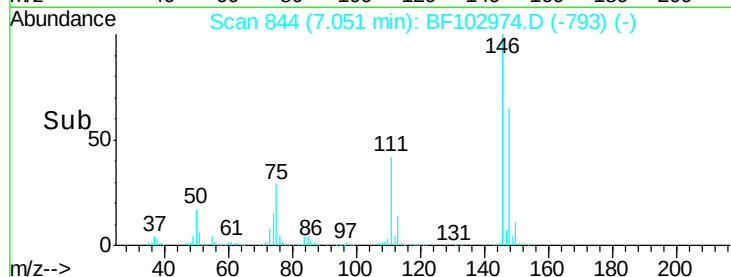
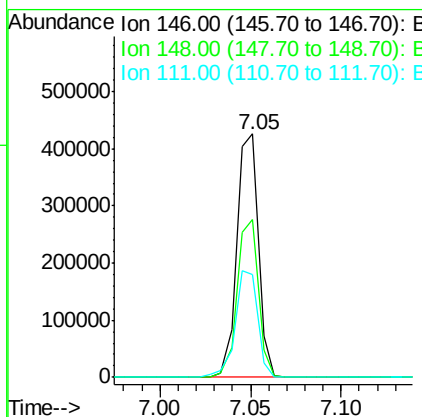
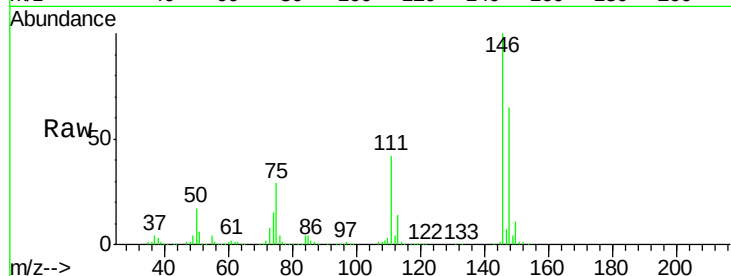
ClientSampled :

PB106515BS

Tot Ion:	146	Resp:	352975
Ion Ratio	Lower	Upper	
146	100		
148	64.6	50.6	75.8
111	42.1	36.0	54.0

Manual Integrations
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#15

Benzyl Alcohol

Concen: 32.167 ng

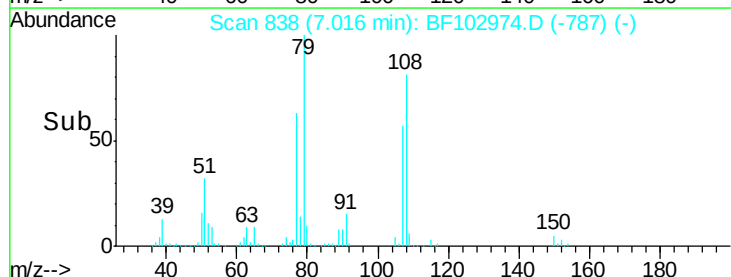
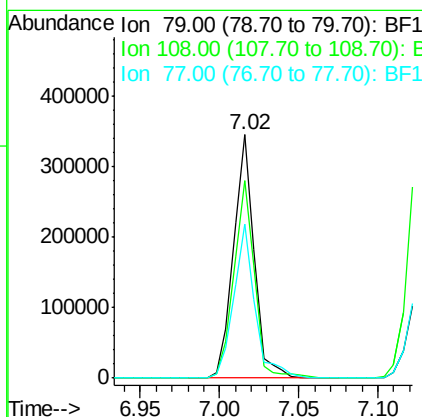
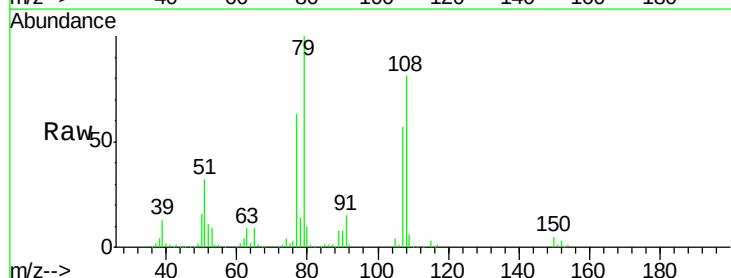
RT: 7.02 min Scan# 838

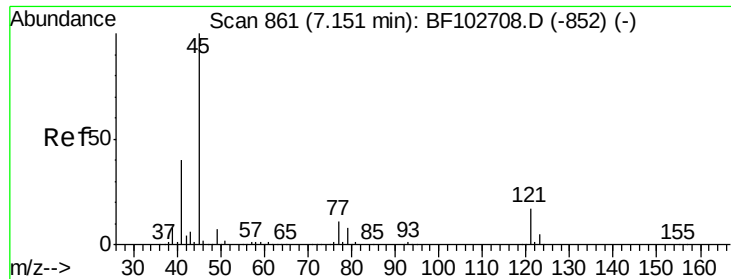
Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Tgt Ion:	79	Resp:	315522
Ion Ratio	Lower	Upper	
79	100		
108	81.0	65.1	97.7
77	63.0	50.6	75.8





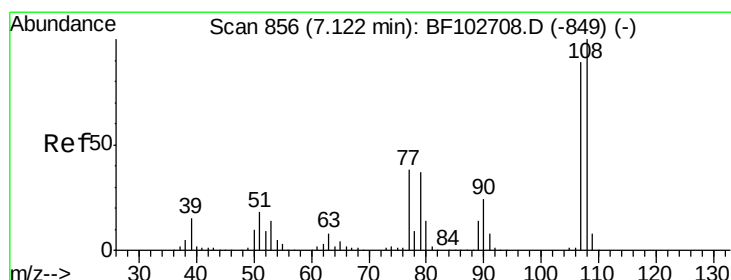
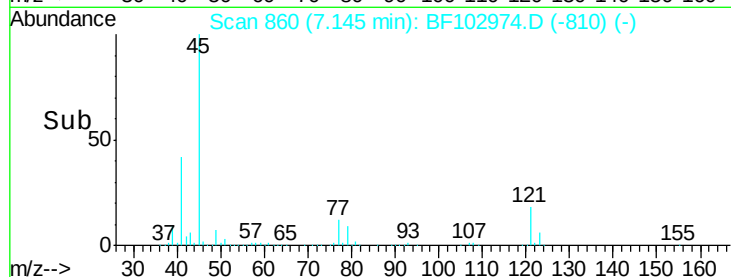
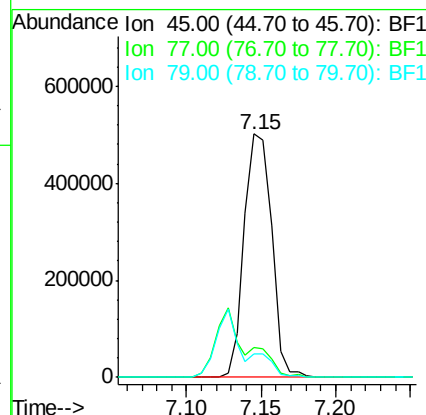
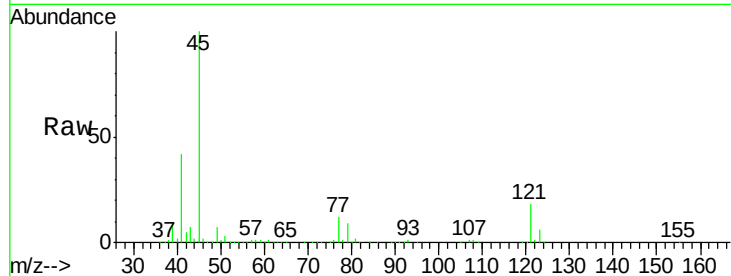
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 29.766 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :
PB106515BS

Tot Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	32.9
79	9.4	0.0	29.6

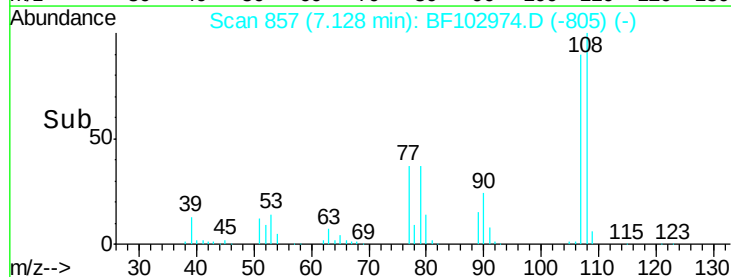
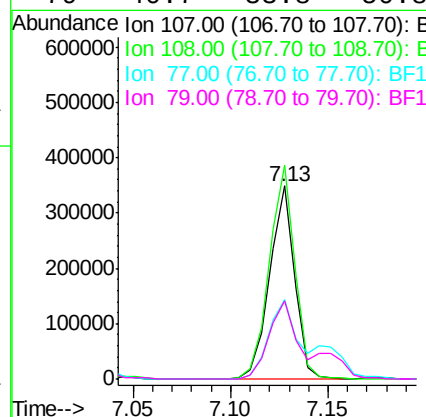
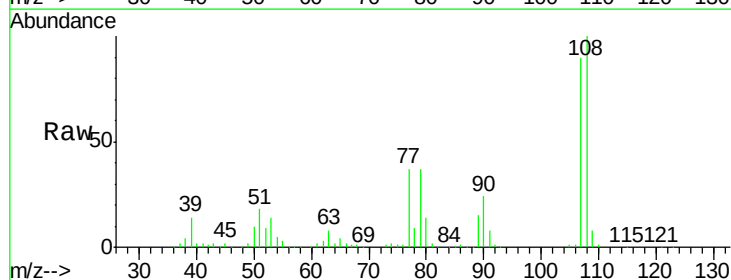
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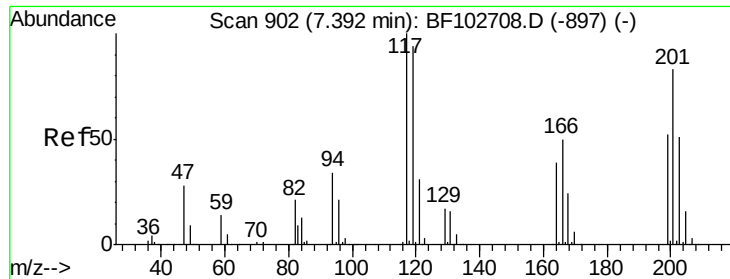
Sohil
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#17
2-Methylphenol
Concen: 30.670 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.7	137.5
77	41.0	33.8	50.8
79	40.7	33.8	50.8





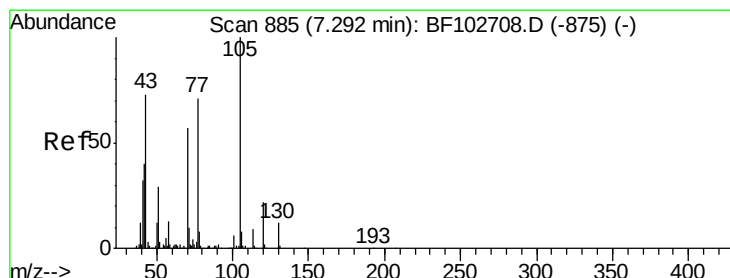
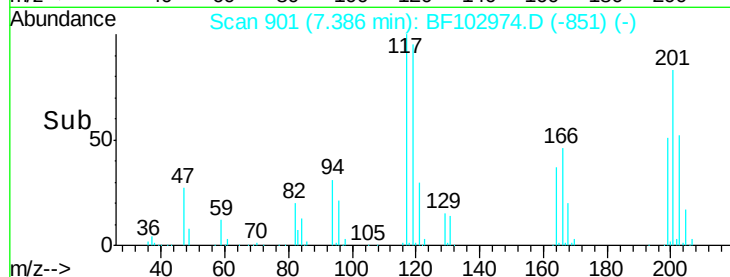
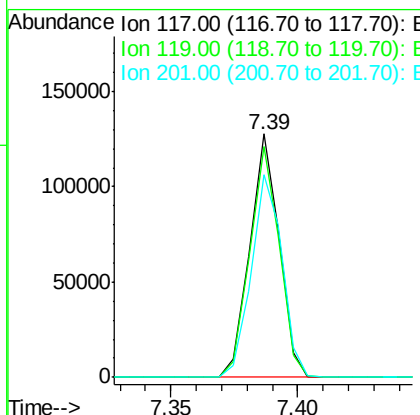
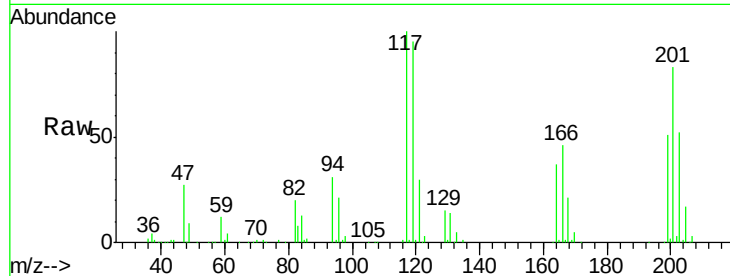
#18
Hexachloroethane
Concen: 23.971 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :
PB106515BS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	103436		
119	94.7	75.8	113.8	
201	83.4	75.7	113.5	

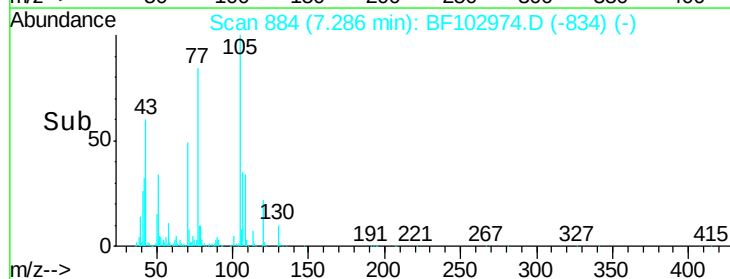
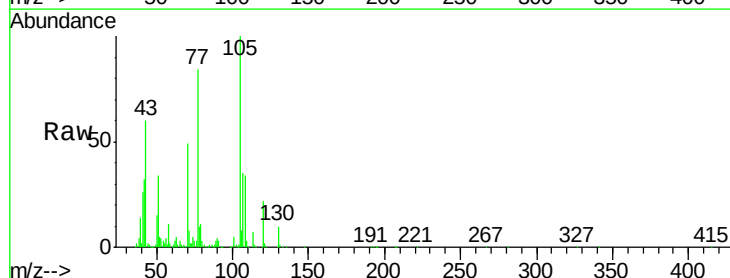
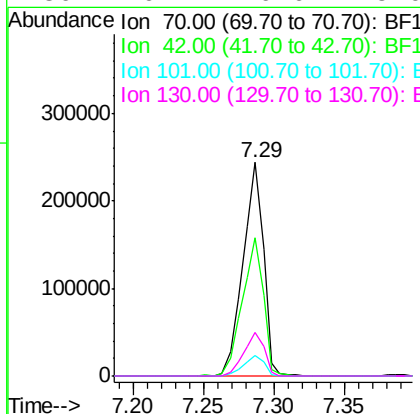
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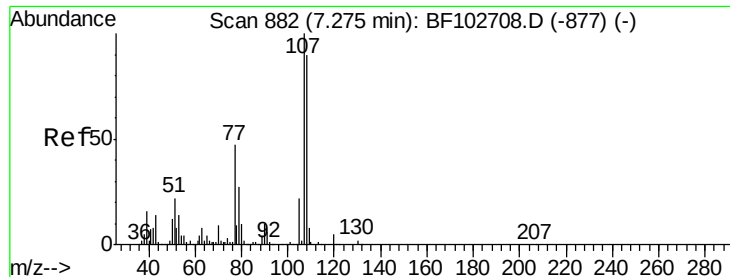
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#19
n-Nitroso-di-n-propylamine
Concen: 29.384 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	247173		
42	64.8	47.5	71.3	
101	9.8	7.4	11.2	
130	20.4	16.6	25.0	





#20

3+4-Methylphenols

Concen: 29.340 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

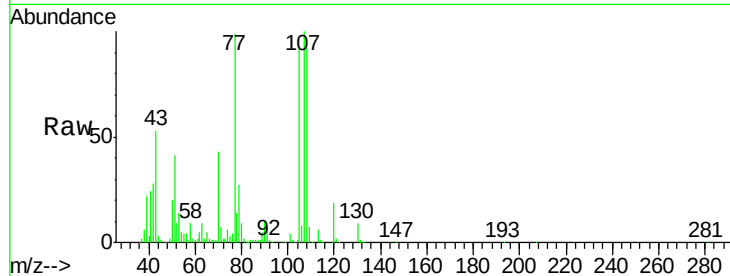
ClientSampleId :

PB106515BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	364061		
108	108	92.4	68.2	108.2	
77	77	98.6	26.7	66.7	
79	79	27.4	6.3	46.3	

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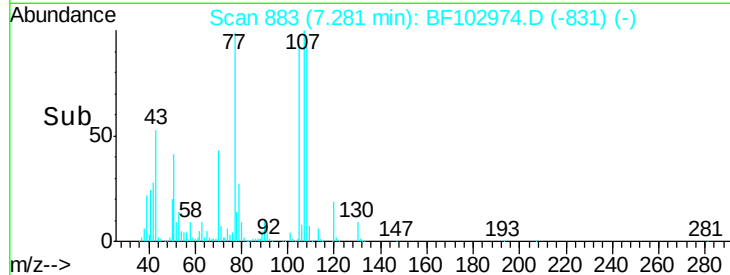
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

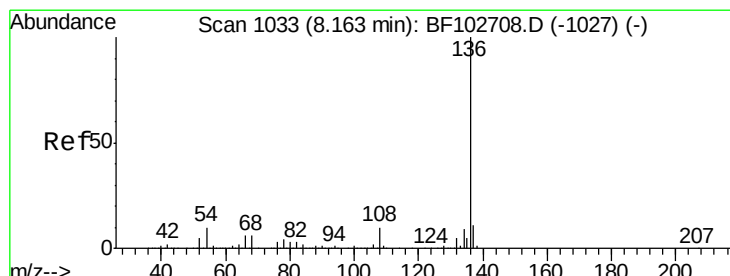
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	630999		
137	137	10.6	8.9	13.3	
54	54	9.0	6.6	9.8	
68	68	6.1	5.0	7.4	

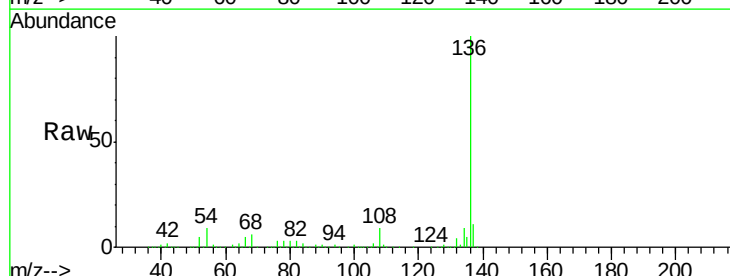
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

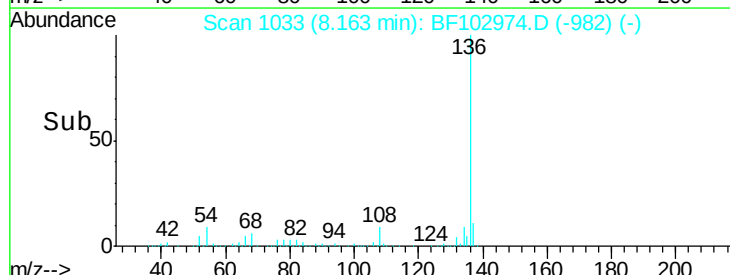
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

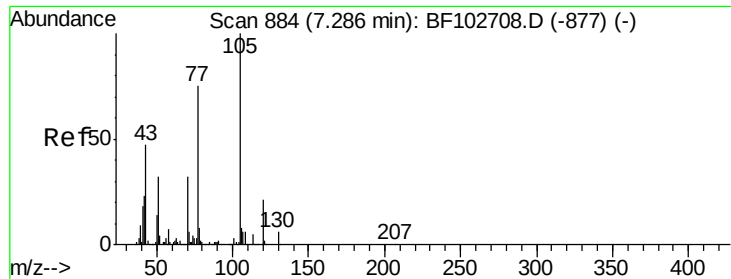
Time-->



Time-->



Time-->



#22

Acetophenone

Concen: 31.443 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

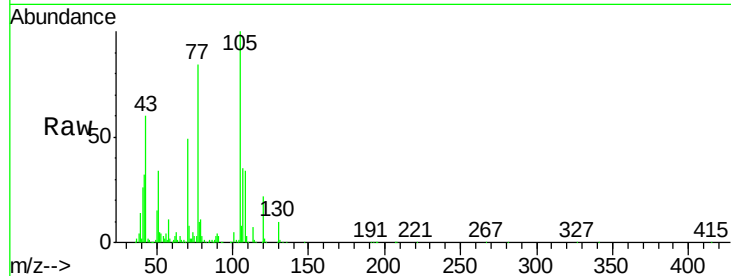
ClientSampleId :

PB106515BS

Tot Ion	Ratio	Lower	Upper
105	100		
71	8.2	4.4	6.6#
51	34.1	22.3	33.5#
120	21.6	16.9	25.3

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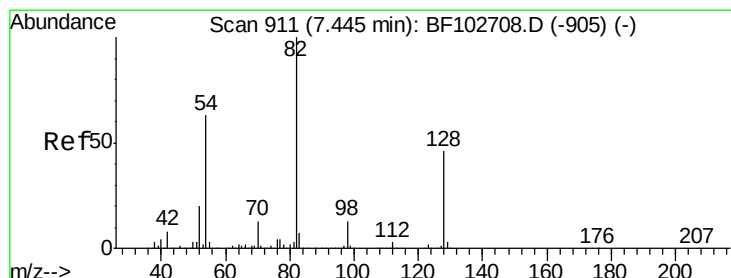
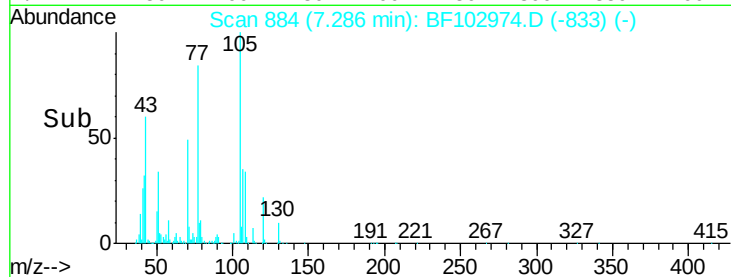
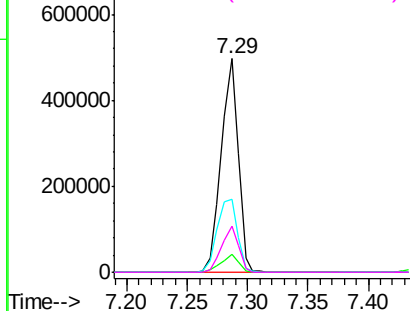


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 100.475 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF102974.D

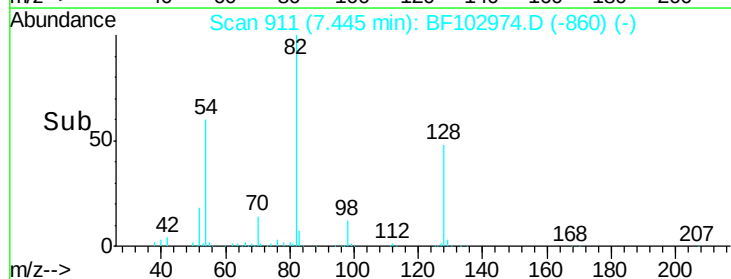
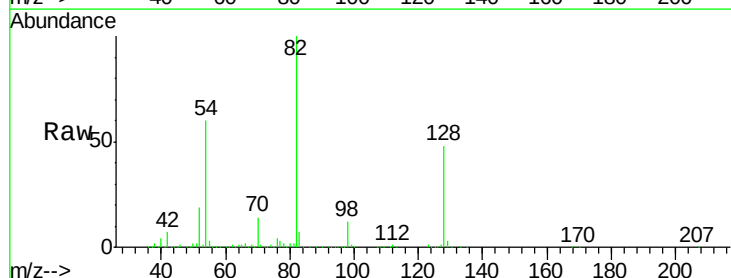
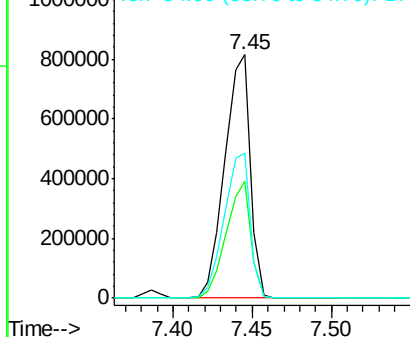
Acq: 13 Feb 2018 20:55

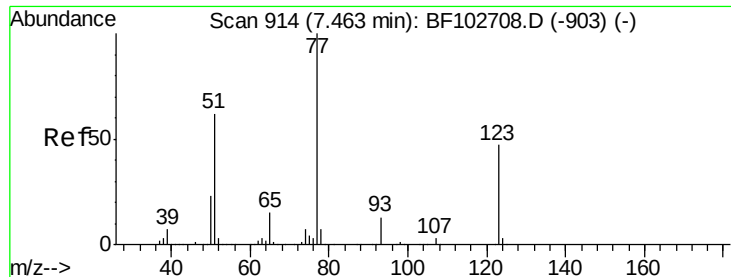
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	59.5	41.4	62.2

Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 36.341 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

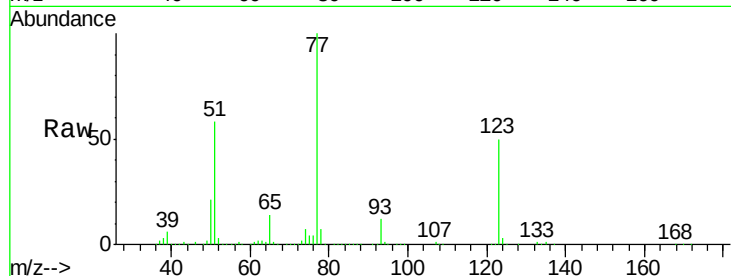
ClientSampleId :

PB106515BS

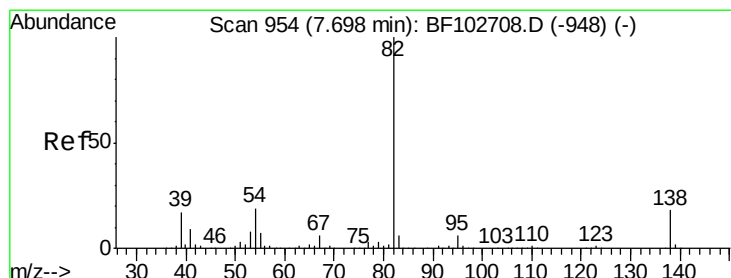
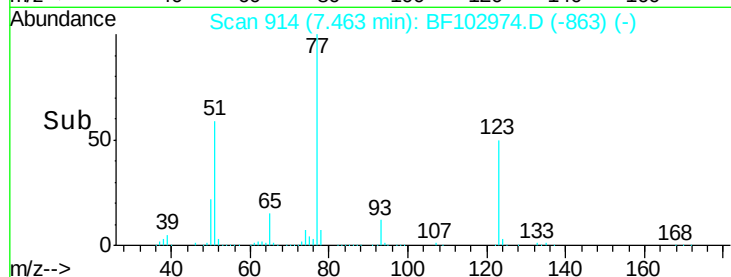
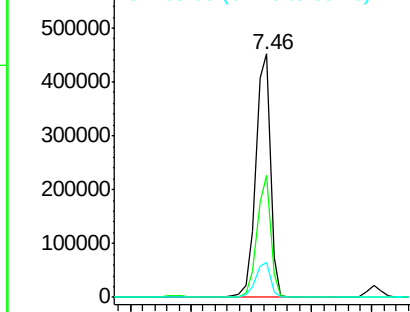
Tot Ion:	77	Resp:	388977
Ion Ratio	Lower	Upper	
77	100		
123	49.9	37.9	56.9
65	14.4	11.0	16.4

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 33.788 ng

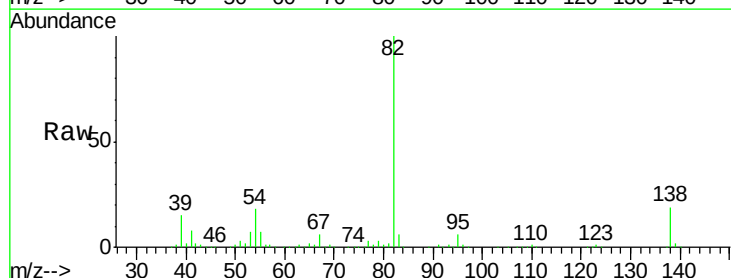
RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

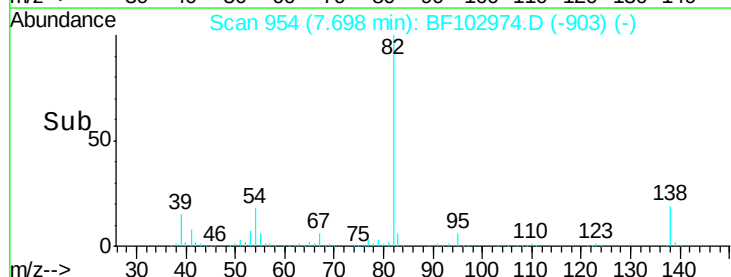
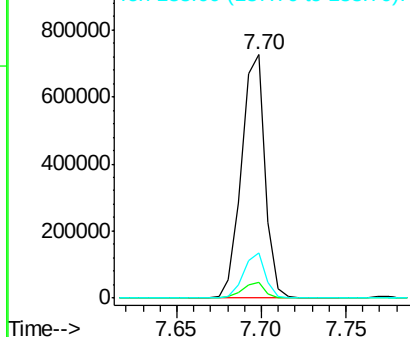
Lab File: BF102974.D

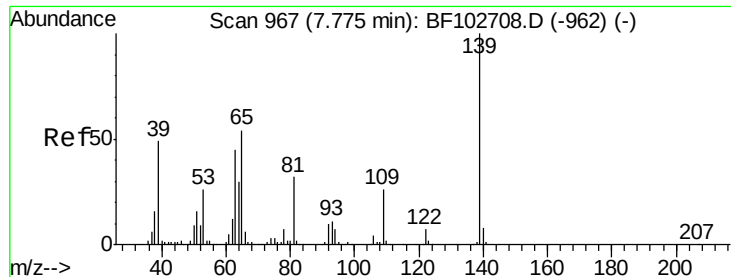
Acq: 13 Feb 2018 20:55

Tgt Ion:	82	Resp:	707695
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	18.8	14.9	22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





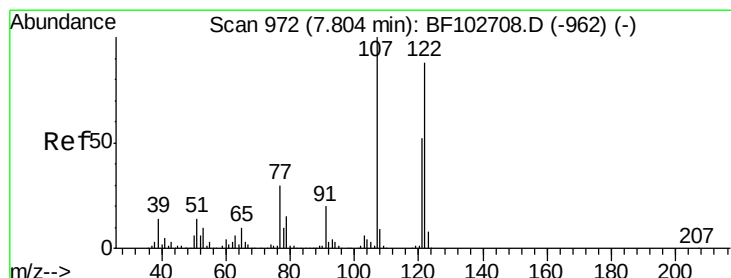
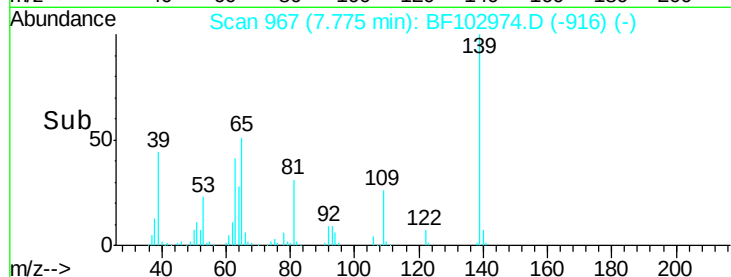
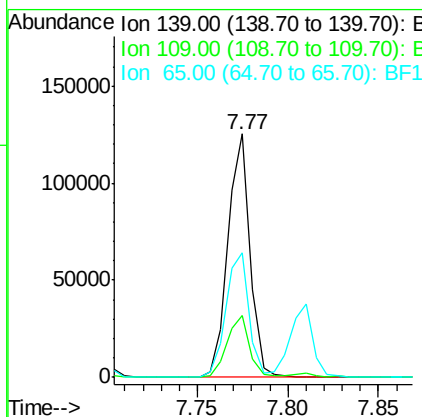
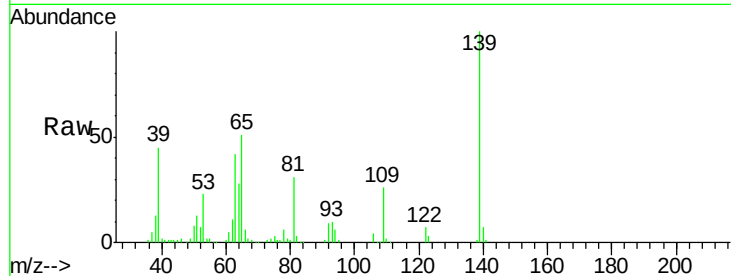
#26
2-Nitrophenol
Concen: 28.560 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :
PB106515BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	106714		
109	25.6	22.7	34.1	
65	51.4	40.5	60.7	

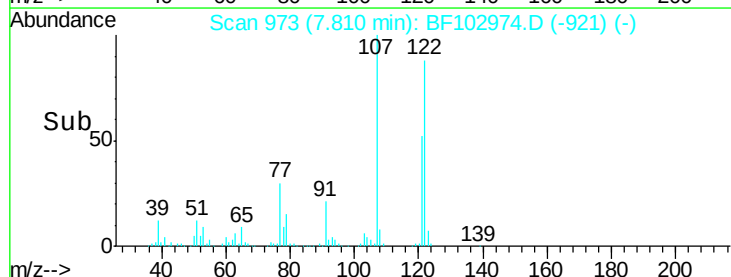
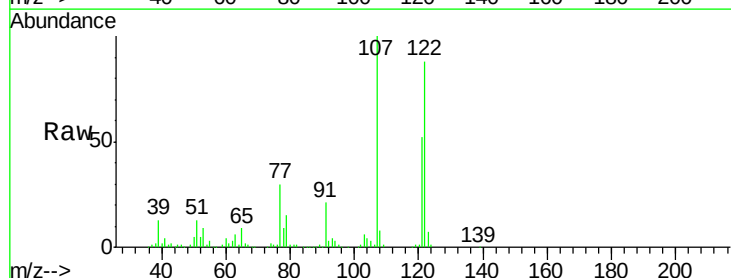
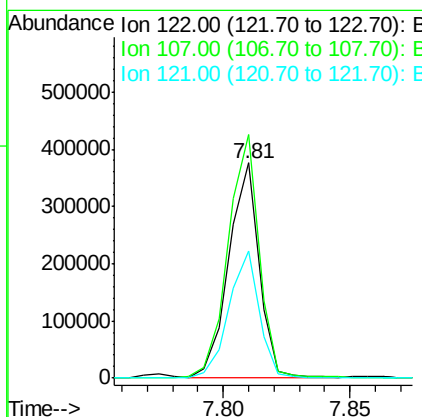
Manual Integrations
APPROVED

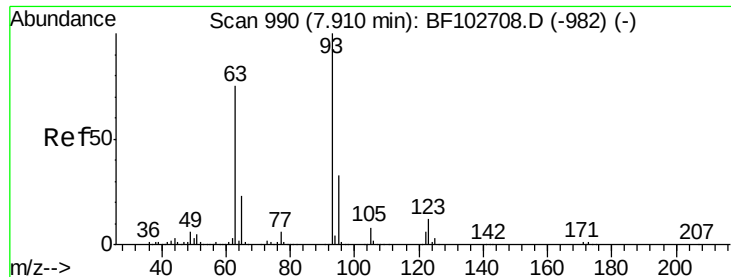
Sohil
2/14/2018 10:29:53 AM



#27
2,4-Dimethylphenol
Concen: 35.058 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	310221		
107	113.1	91.2	136.8	
121	59.2	47.2	70.8	





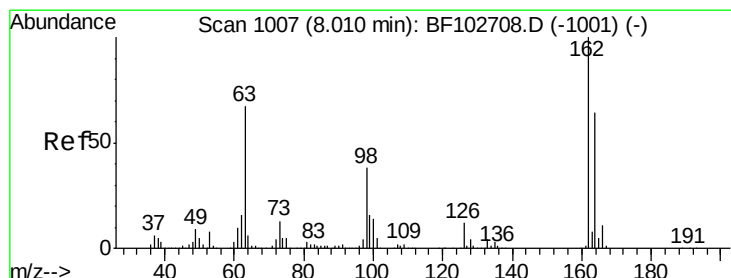
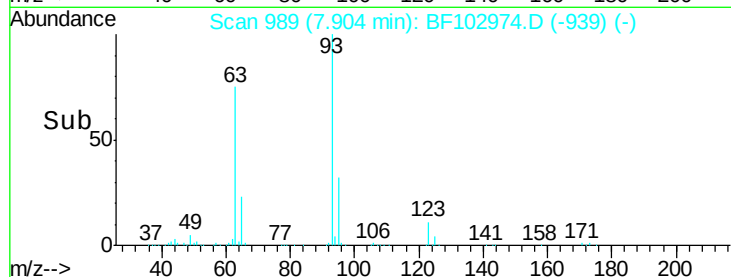
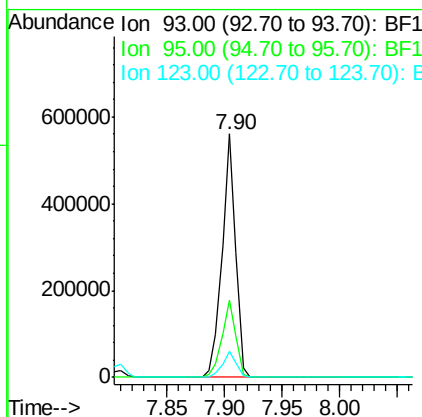
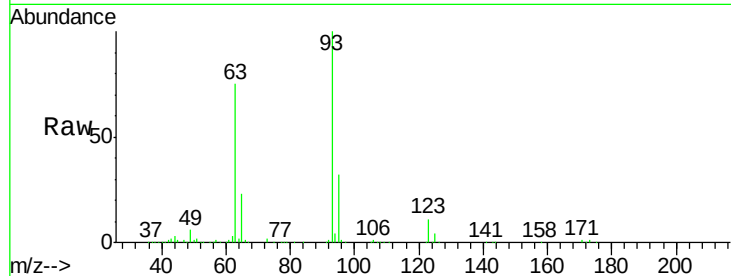
#28
bis(2-Chloroethoxy)methane
Concen: 37.049 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :
PB106515BS

Tot Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.3	39.5
123	10.9	9.8	14.6

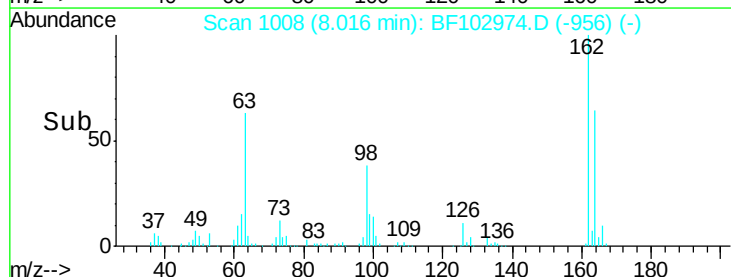
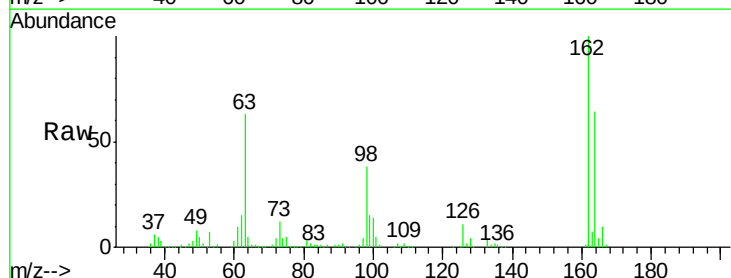
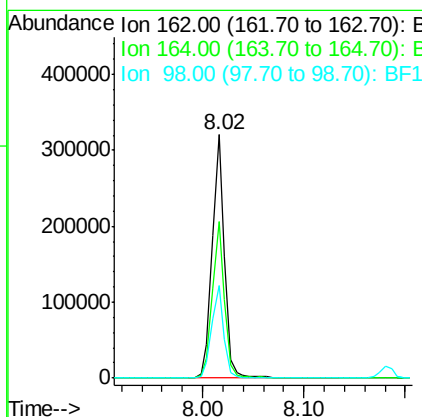
Manual Integrations
APPROVED

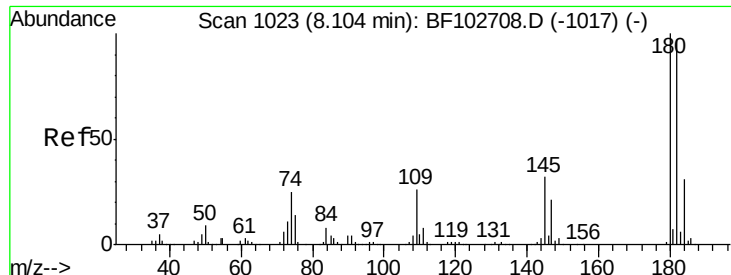
Sohil
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#29
2,4-Dichlorophenol
Concen: 33.772 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	38.0	18.1	58.1





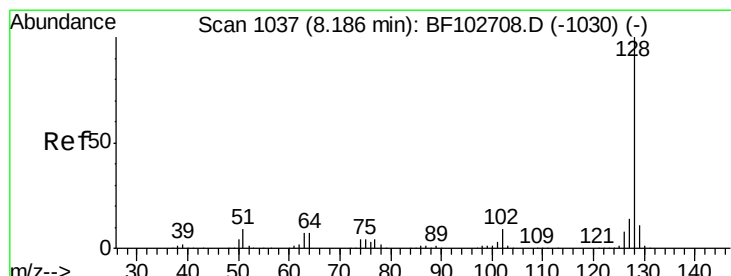
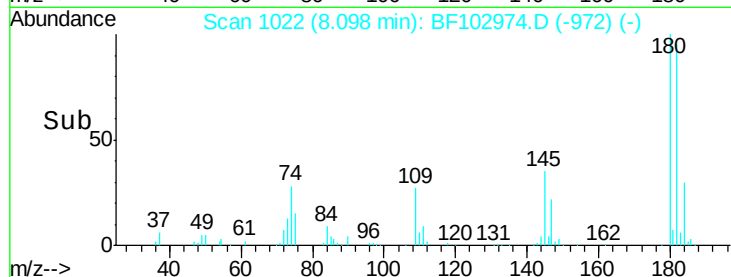
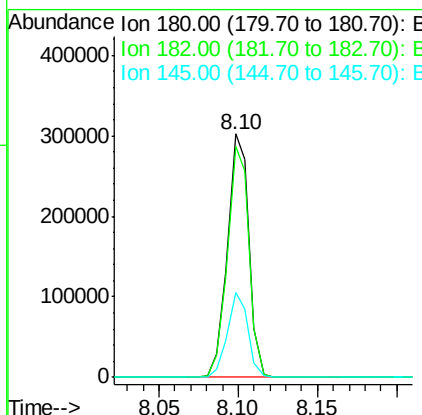
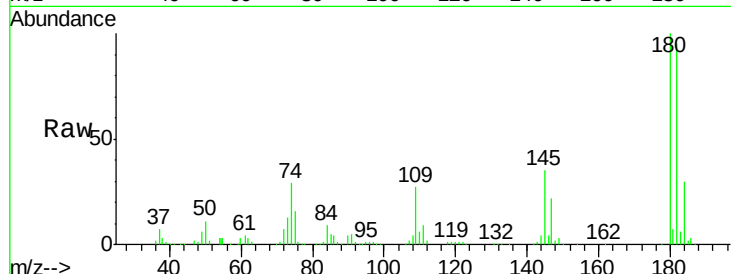
#30
1,2,4-Trichlorobenzene
Concen: 31.147 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :
PB106515BS

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.8	115.2
145	34.9	26.5	39.7

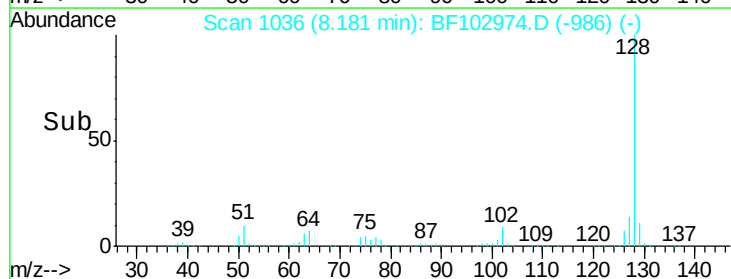
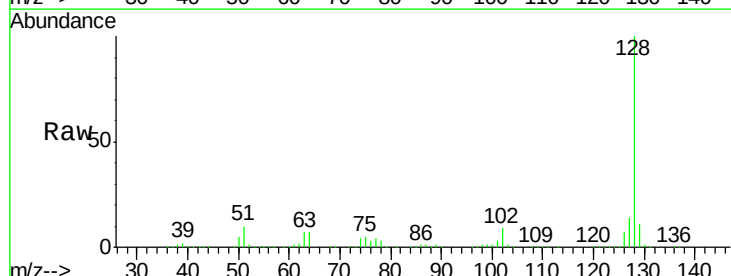
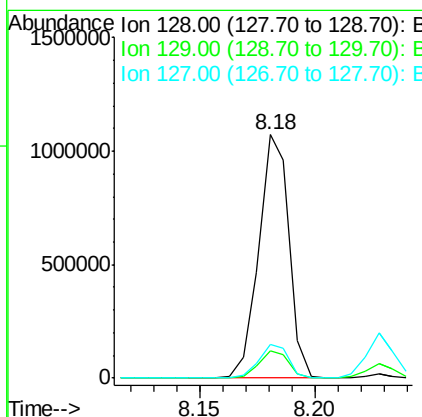
Manual Integrations
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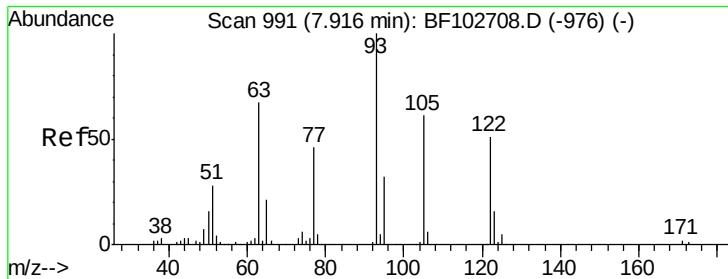
Sohil
2/14/2018 10:29:53 AM



#31
Naphthalene
Concen: 31.830 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.6	10.9	16.3





#32

Benzoic acid

Concen: 9.396 ng/mL

RT: 7.86 min Scan# 981

Delta R.T. -0.06 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

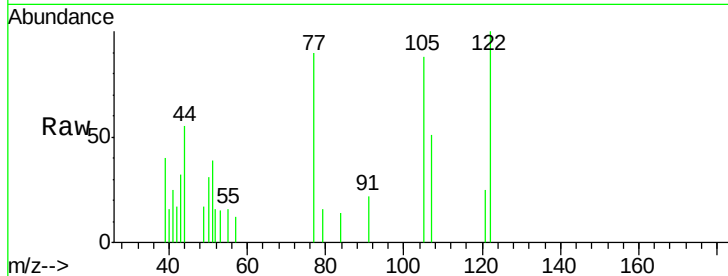
ClientSampleID :

PB106515BS

Tot Ion:	122	Resp:	5522
Ion Ratio	Lower	Upper	
122	100		
105	87.7	101.1	141.1#
77	89.9	70.7	110.7

Manual Integrations
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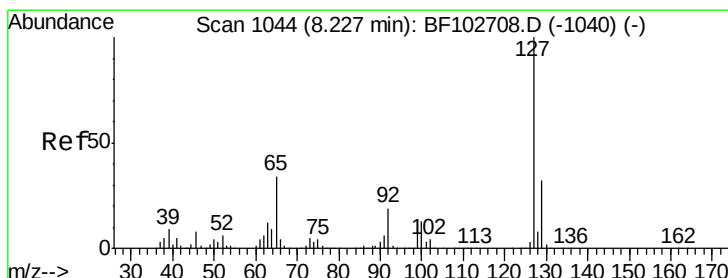
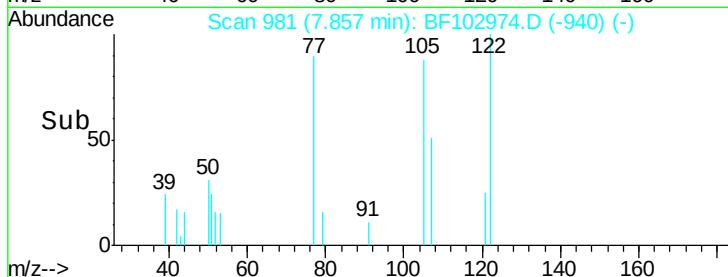
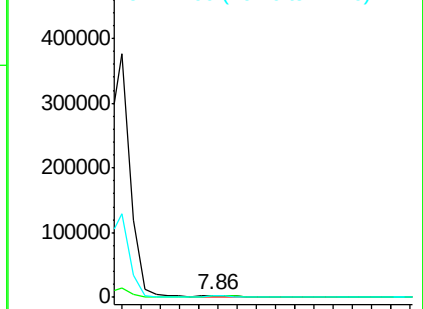


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 13.057 ng/mL

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Tgt Ion:	127	Resp:	173411
Ion Ratio	Lower	Upper	
127	100		
129	31.1	25.9	38.9
65	34.1	25.0	37.4
92	18.7	15.2	22.8

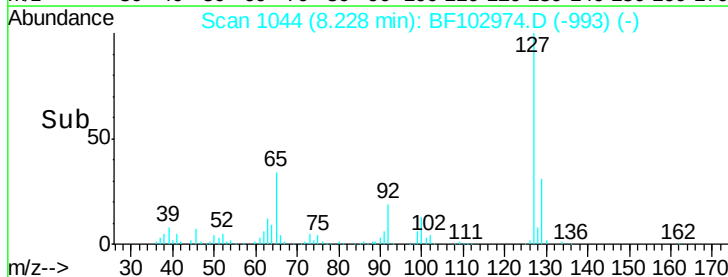
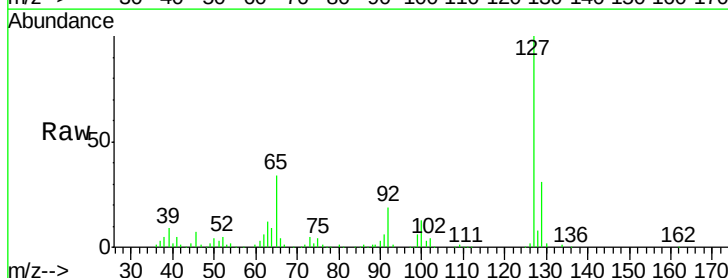
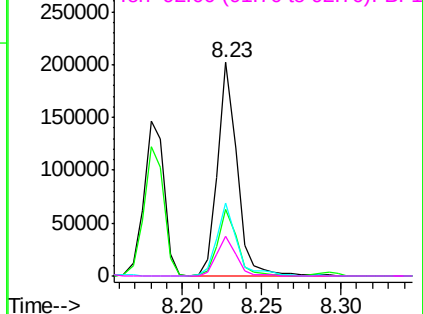
Abundance

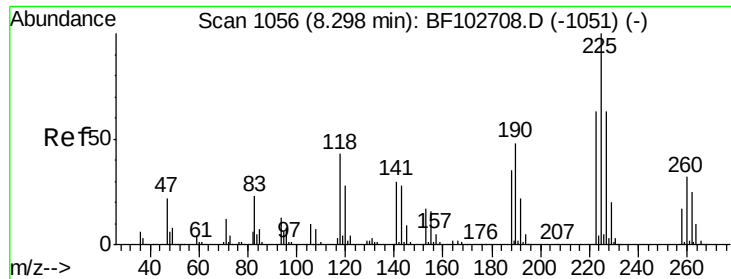
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 31.424 ng

RT: 8.29 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

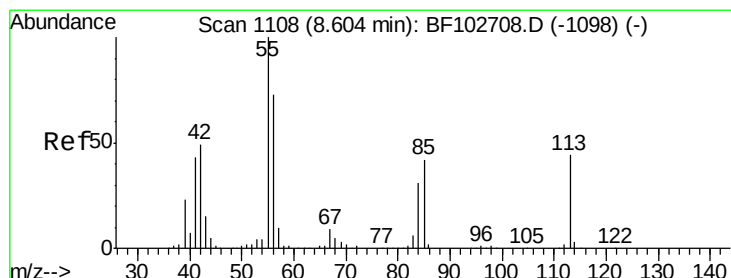
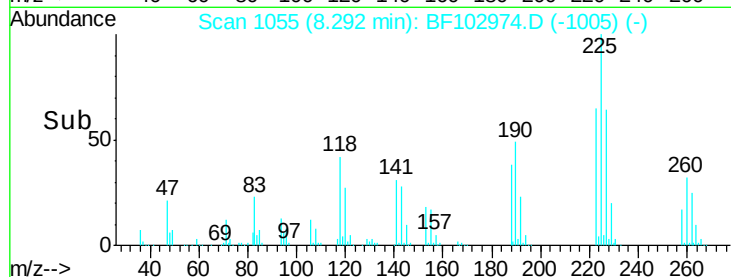
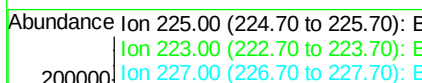
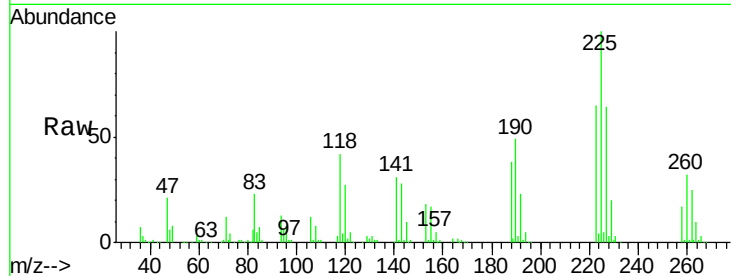
ClientSampleId :

PB106515BS

Tot Ion:	225	Resp:	146536
Ion Ratio	Lower	Upper	
225	100		
223	65.2	50.6	76.0
227	64.4	51.9	77.9

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#35

Caprolactam

Concen: 11.387 ng m

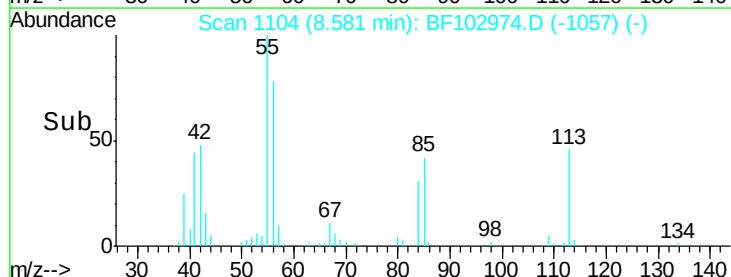
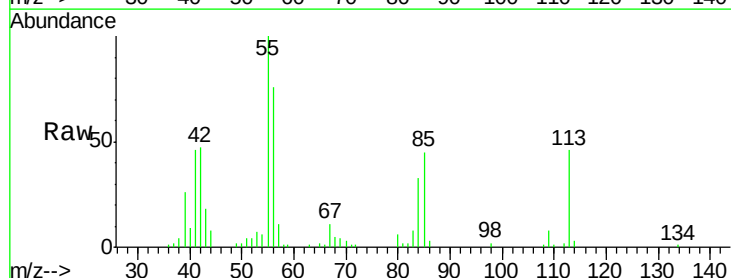
RT: 8.58 min Scan# 1104

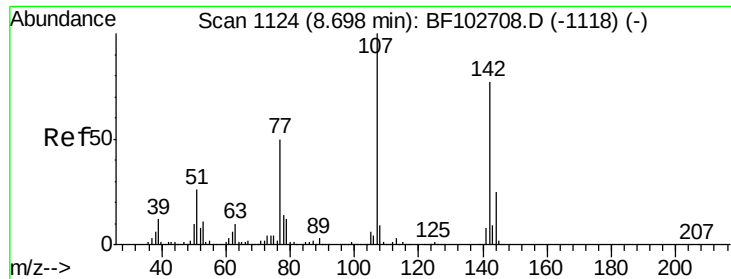
Delta R.T. -0.02 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Tgt Ion:	113	Resp:	31810
Ion Ratio	Lower	Upper	
113	100		
55	219.7	163.3	203.3#
56	167.1	115.7	155.7#





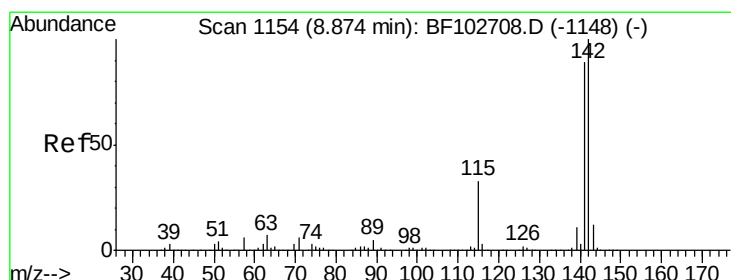
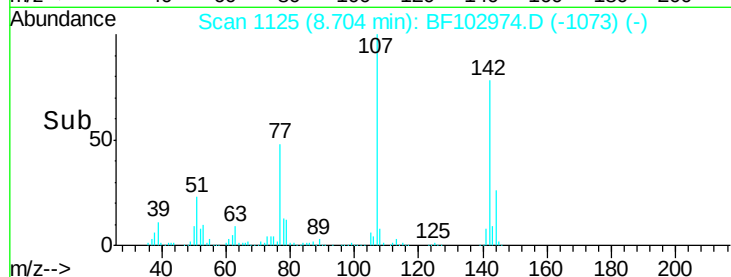
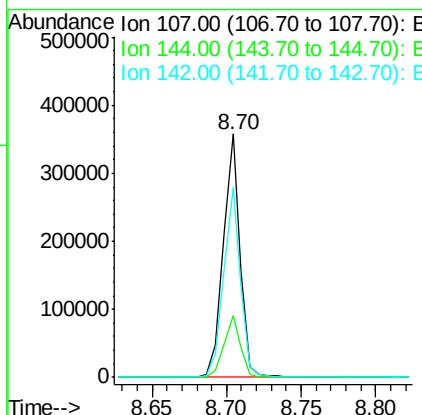
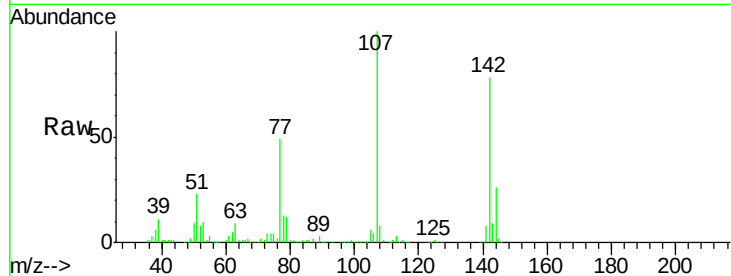
#36
4-Chloro-3-methylphenol
Concen: 31.652 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :
PB106515BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	286082		
144	25.6	20.5	30.7	
142	78.0	62.0	93.0	

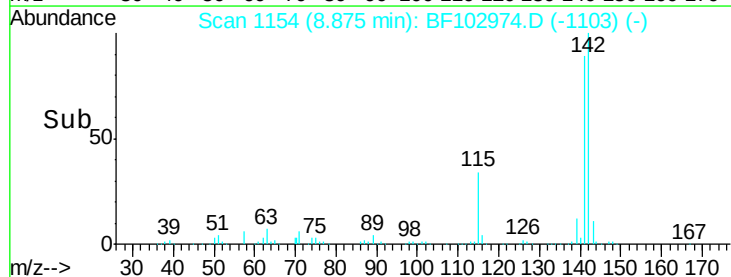
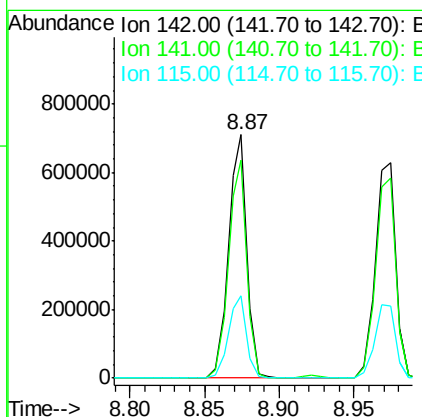
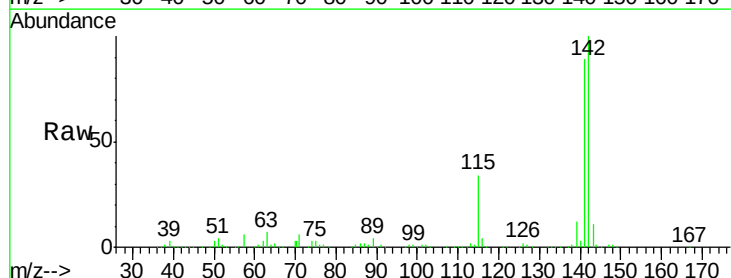
Manual Integrations
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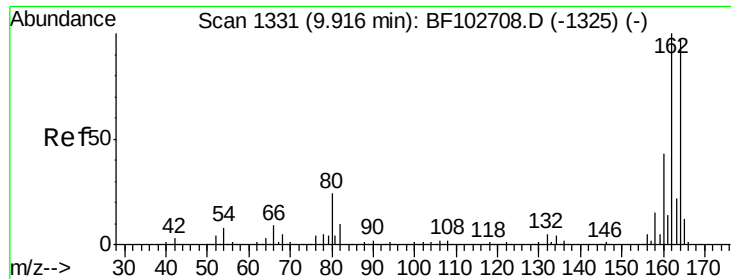
Sohil
2/14/2018 10:29:53 AM



#37
2-Methylnaphthalene
Concen: 30.694 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	619546		
141	89.3	70.8	106.2	
115	33.6	26.1	39.1	





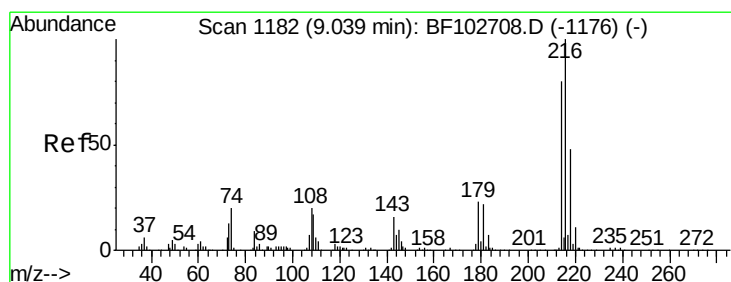
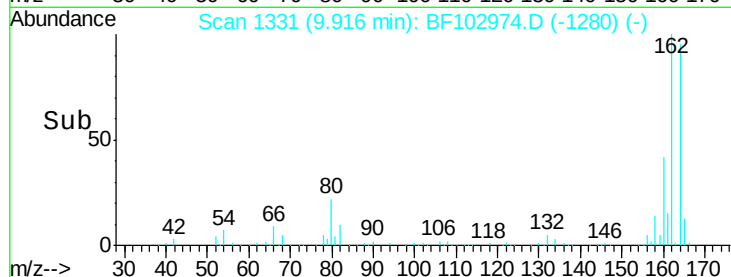
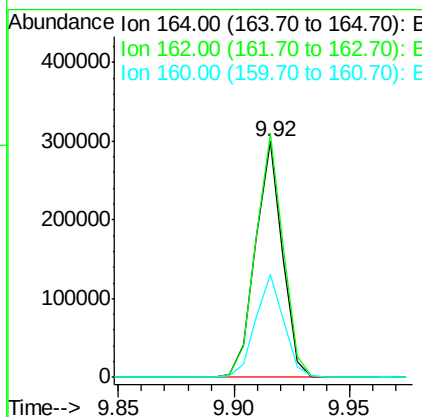
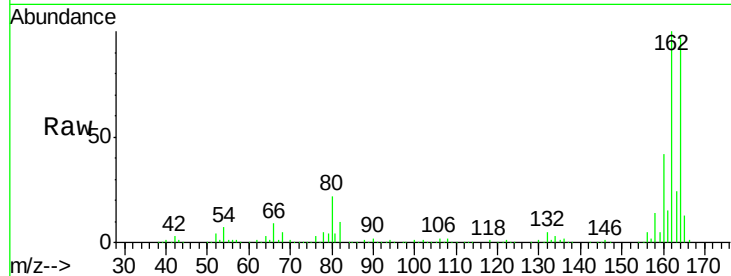
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :
PB106515BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.3	86.1	129.1	
160	43.5	38.3	57.5	

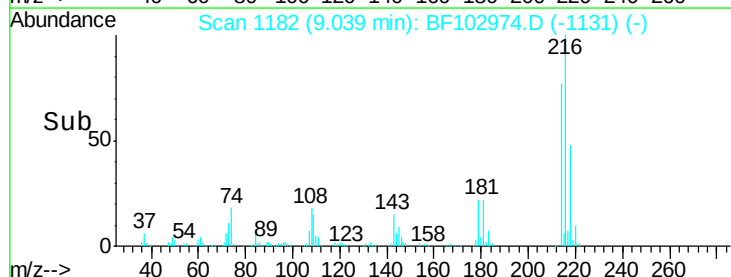
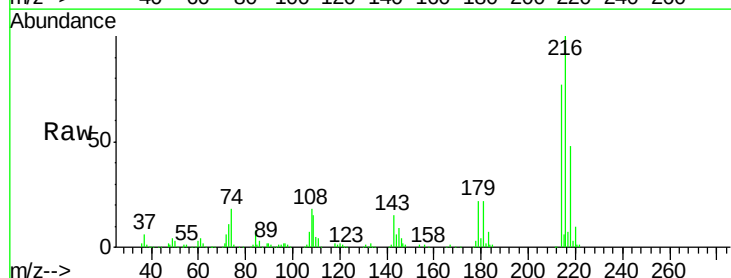
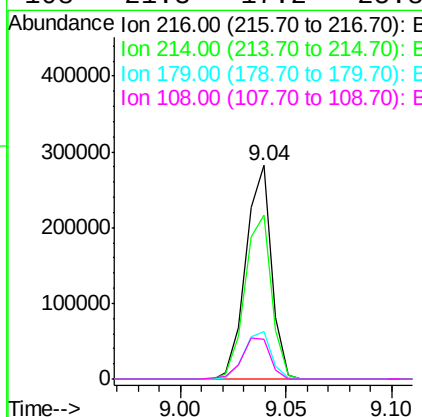
Manual Integrations
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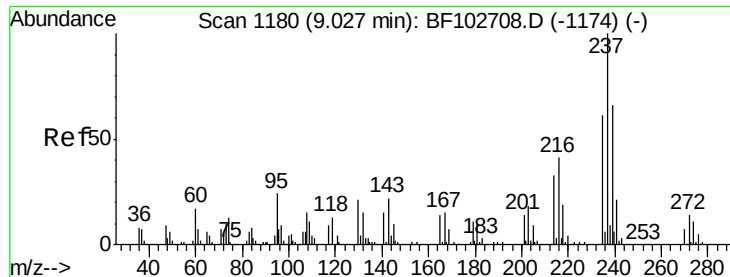
Sohil
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.603 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.0	94.4	
179	23.3	18.1	27.1	
108	21.3	17.2	25.8	





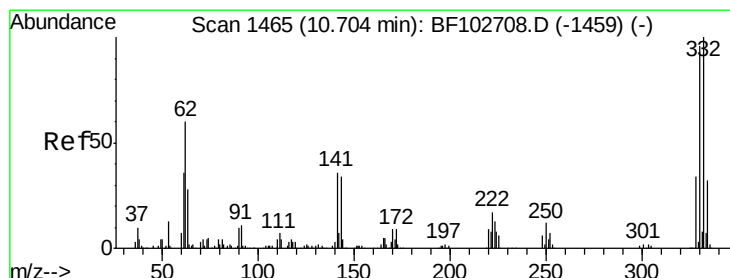
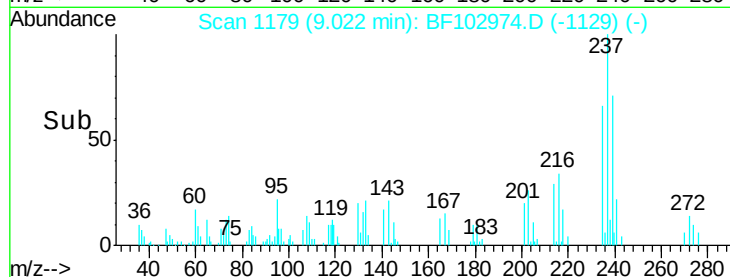
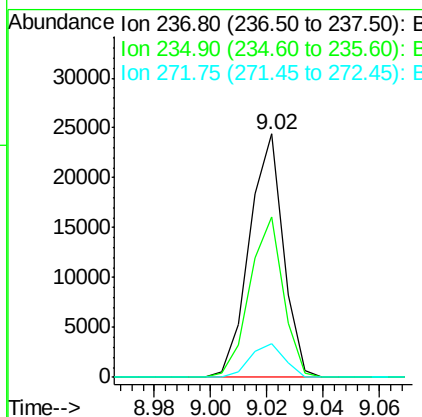
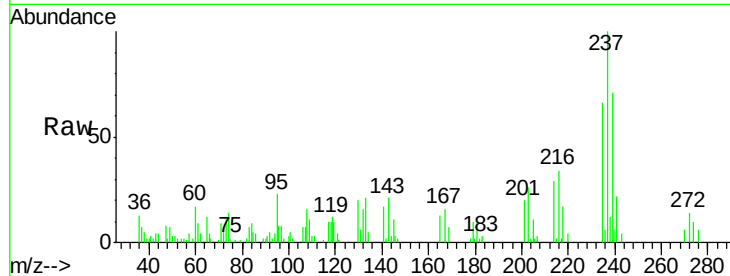
#40
Hexachlorocyclopentadiene
Concen: 6.401 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :
PB106515BS

Tot Ion:	237	Resp:	20296
Ion Ratio	Lower	Upper	
237	100		
235	66.1	44.8	84.8
272	13.8	0.0	33.3

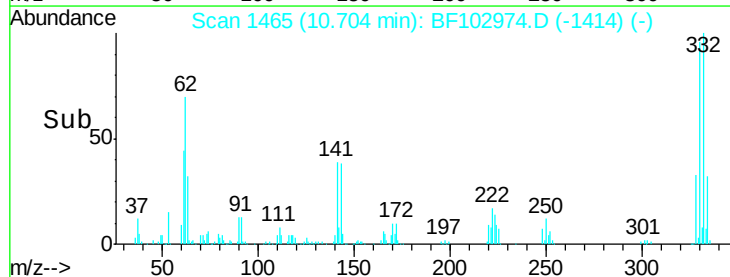
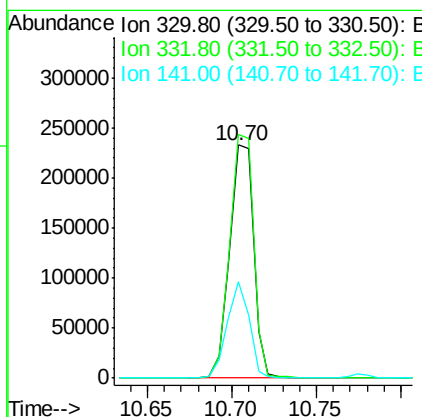
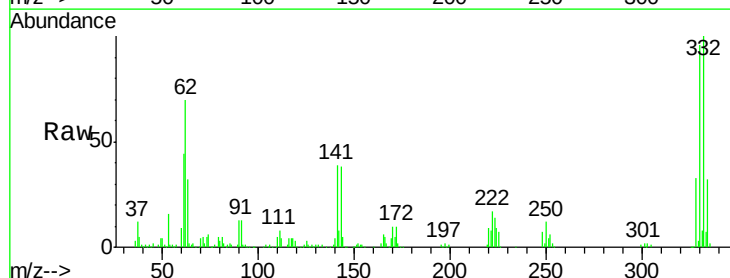
Manual Integrations
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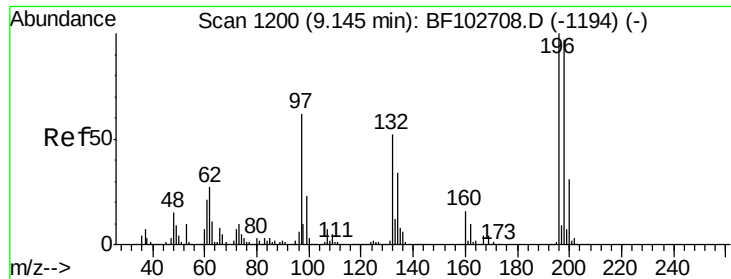
Sohil
2/14/2018 10:29:53 AM



#41
2,4,6-Tribromophenol
Concen: 116.973 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion:	330	Resp:	230620
Ion Ratio	Lower	Upper	
330	100		
332	104.3	77.0	115.6
141	38.6	29.9	44.9





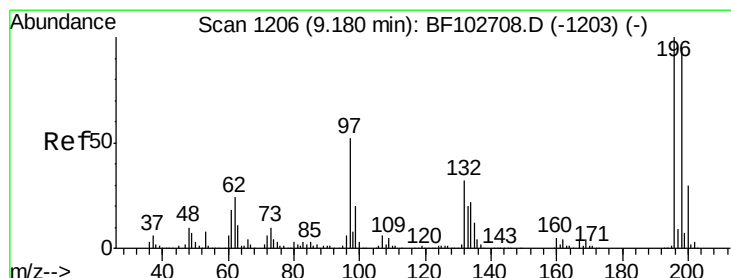
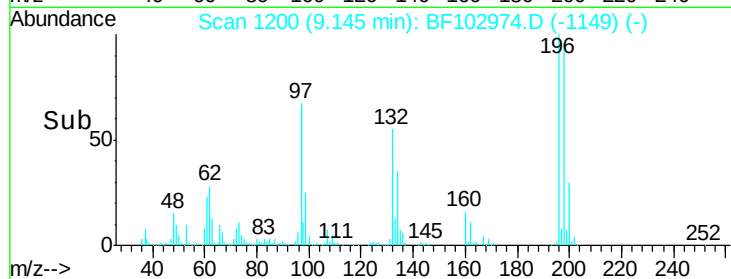
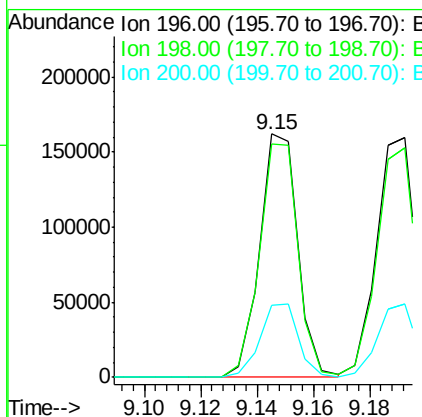
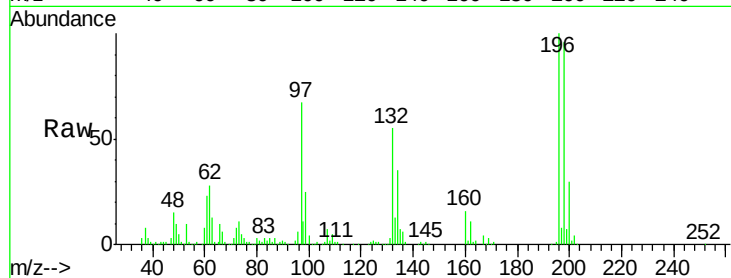
#42
 2,4,6-Trichlorophenol
 Concen: 34.670 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Instrument :
 BNA_F
 ClientSampled :
 PB106515BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	151880		
198	96.1	75.7	113.5	
200	29.5	24.5	36.7	

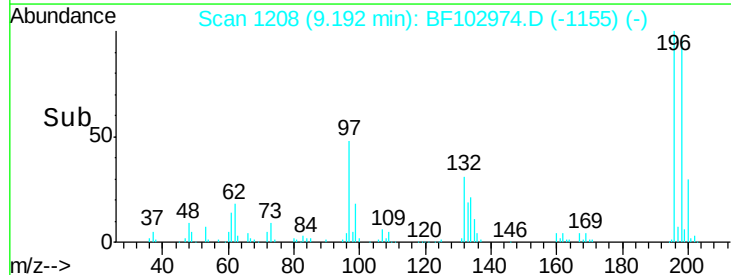
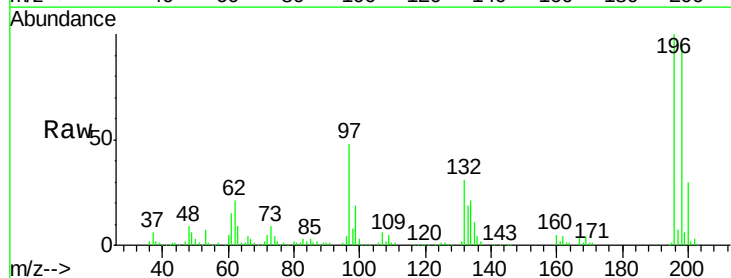
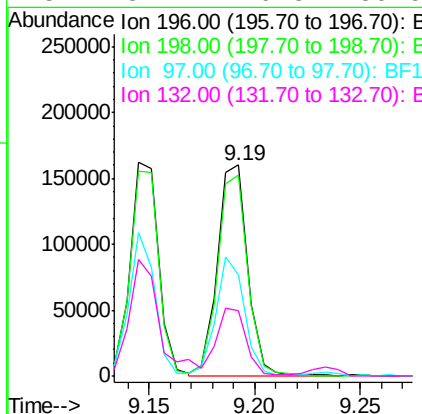
Manual Integrations
 APPROVED

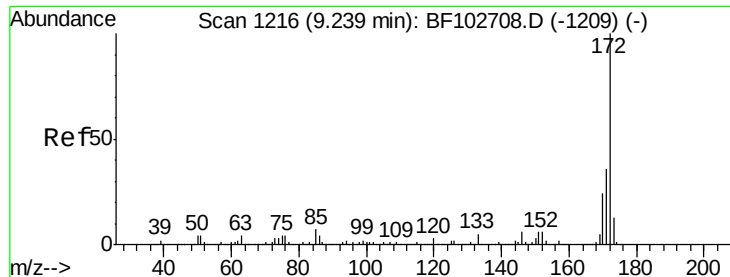
Sohil
 2/14/2018 10:29:53 AM



#43
 2,4,5-Trichlorophenol
 Concen: 31.989 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	157944		
198	95.6	74.6	112.0	
97	47.9	42.9	64.3	
132	31.1	26.3	39.5	





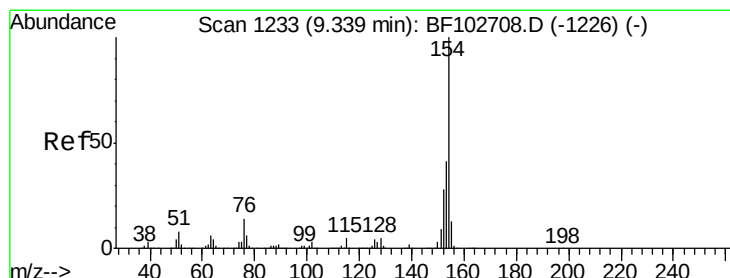
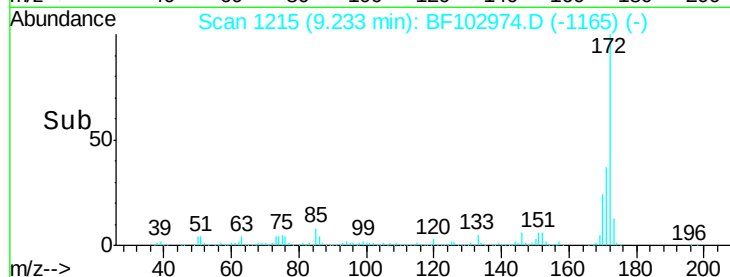
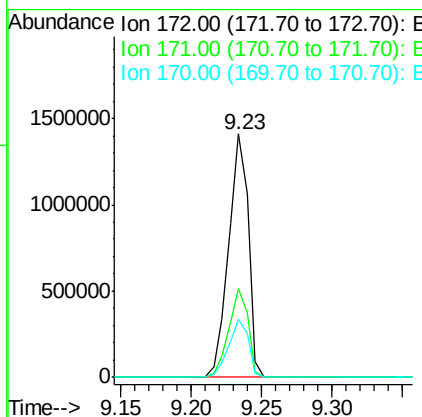
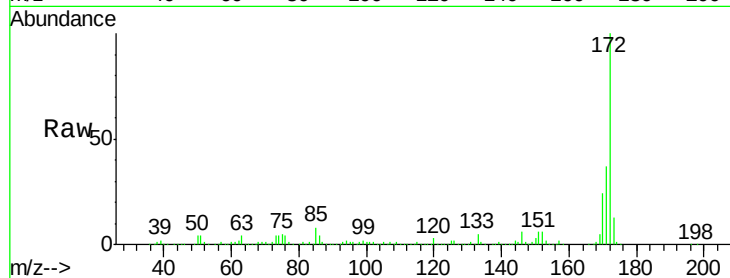
#44
2-Fluorobiphenyl
Concen: 92.510 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :
PB106515BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4

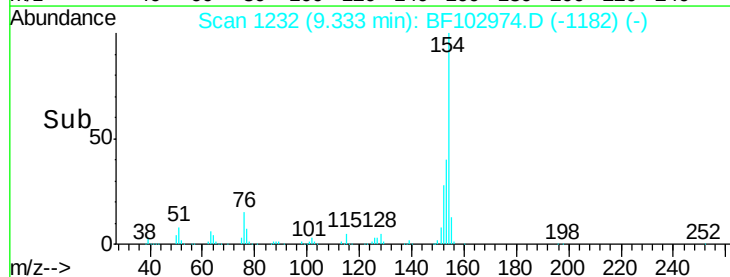
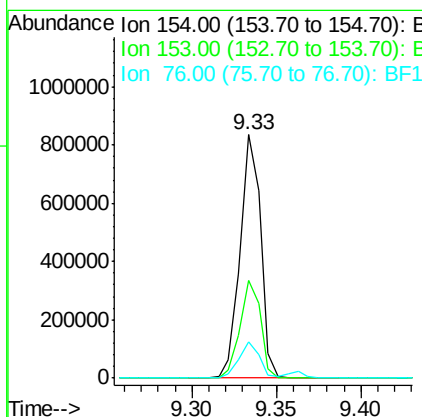
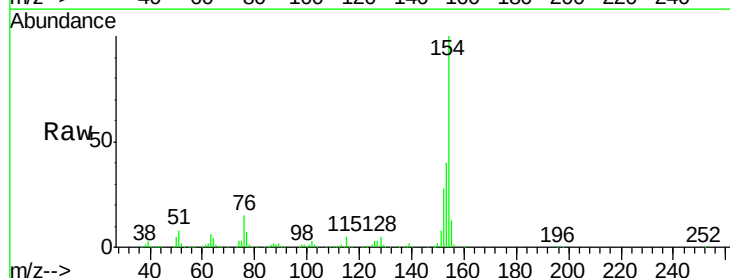
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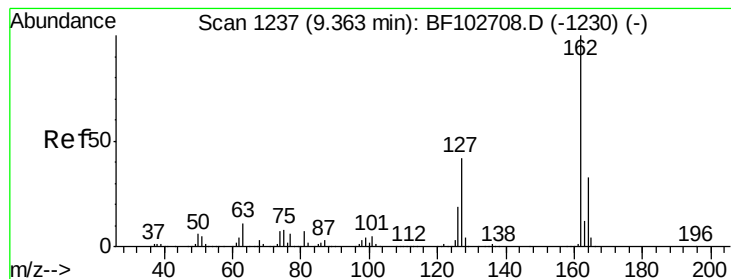
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#45
1,1'-Biphenyl
Concen: 34.157 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.3	61.3
76	15.1	0.0	34.0





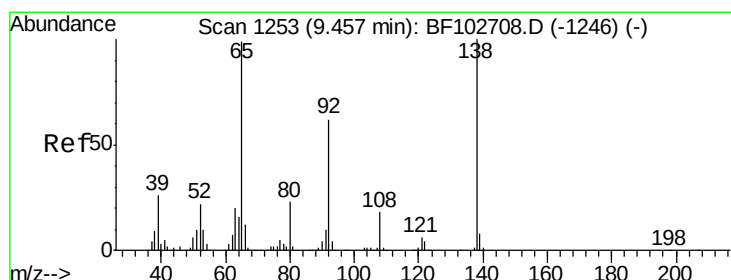
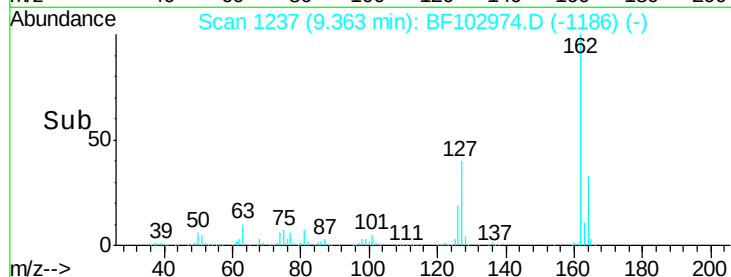
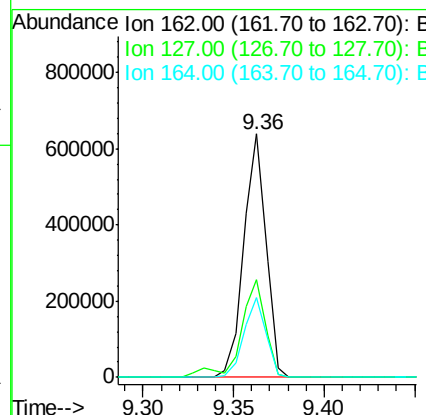
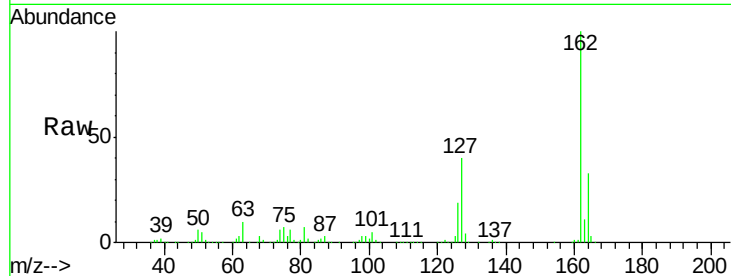
#46
 2-Chloronaphthalene
 Concen: 33.391 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	542357		
127	40.2		33.9	50.9
164	32.8		26.5	39.7

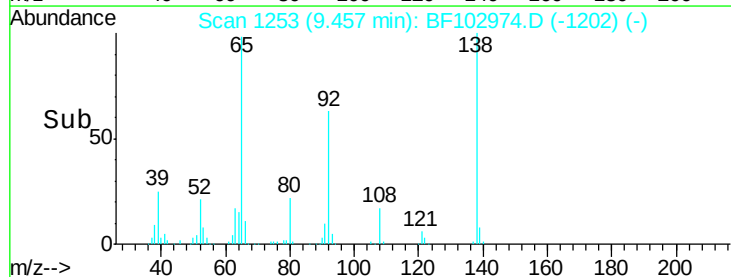
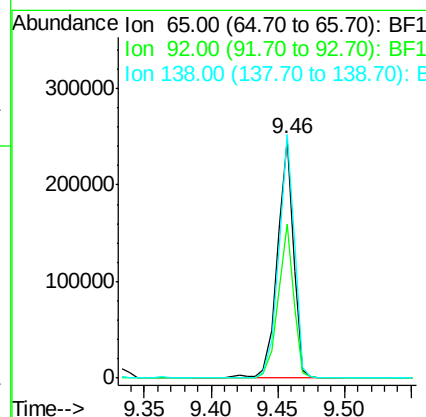
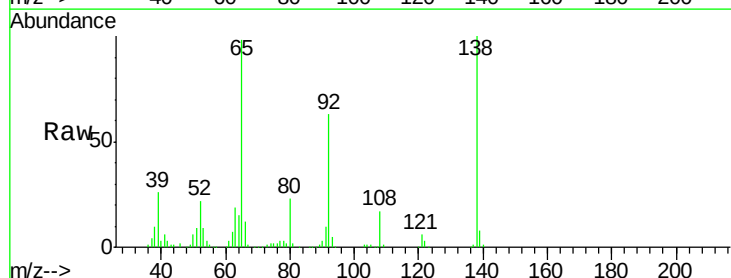
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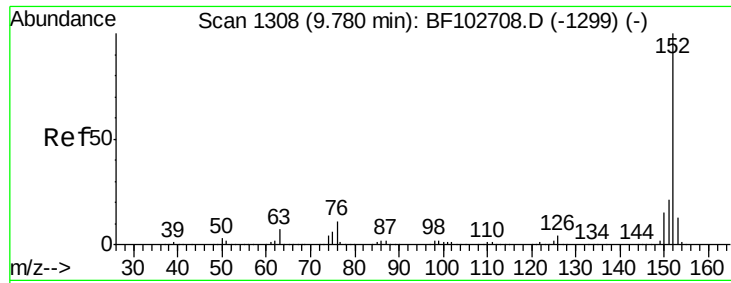
Sohil
 2/14/2018 10:29:53 AM



#47
 2-Nitroaniline
 Concen: 42.317 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	209874		
92	64.5		55.8	83.6
138	101.8		91.2	136.8





#48

Acenaphthylene

Concen: 31.380 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

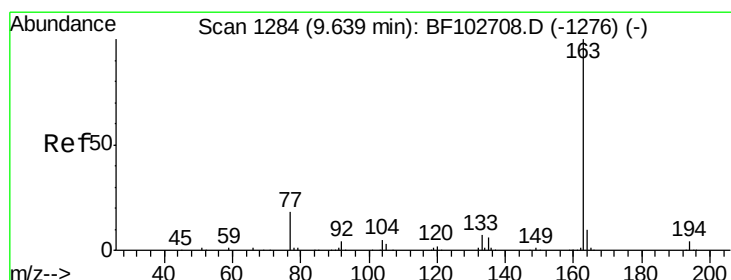
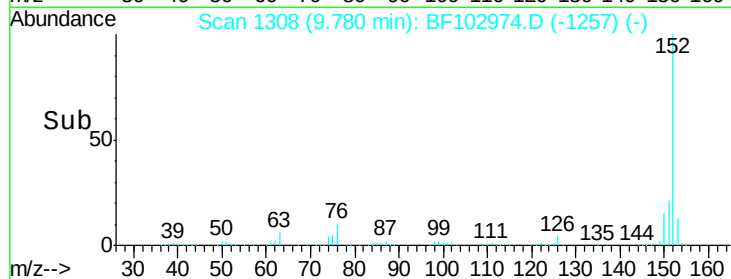
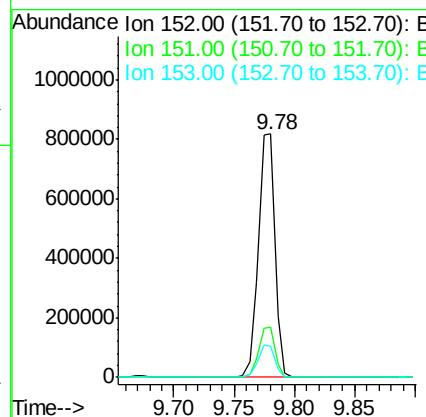
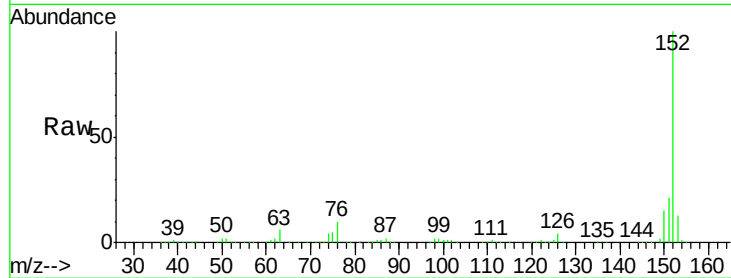
ClientSampled :

PB106515BS

Tot Ion:	152	Resp:	791643
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	12.7	10.7	16.1

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#49

Dimethylphthalate

Concen: 37.278 ng

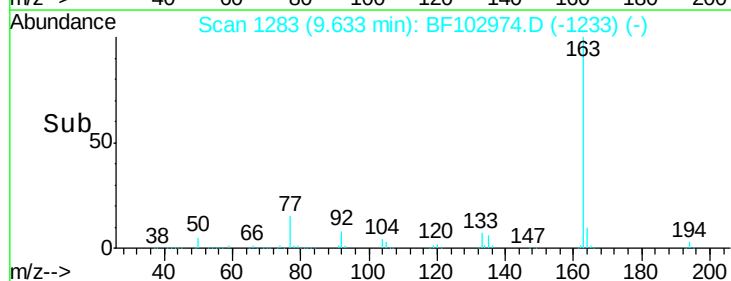
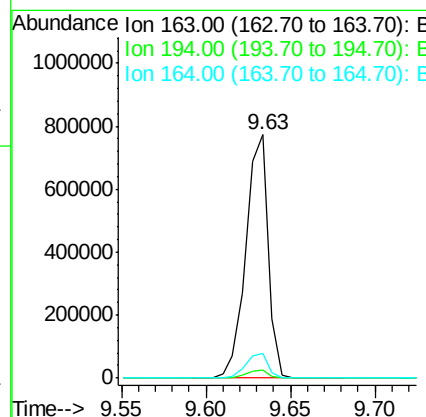
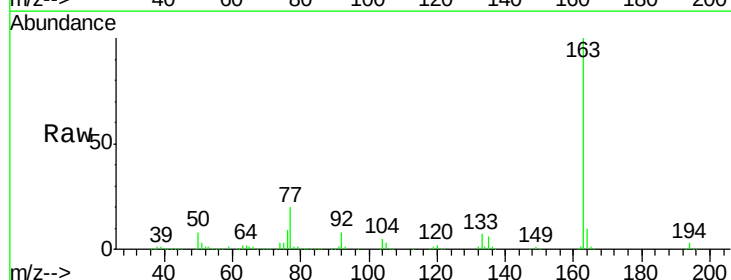
RT: 9.63 min Scan# 1283

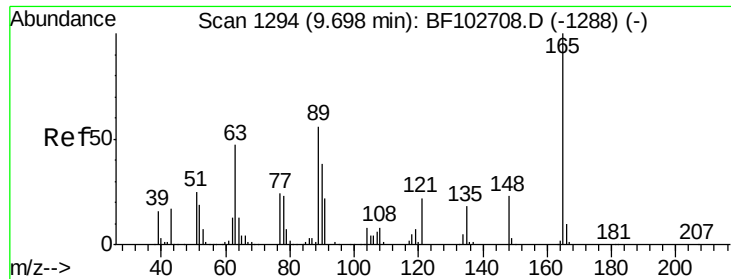
Delta R.T. -0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Tgt Ion:	163	Resp:	711975
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.0	8.2	12.2





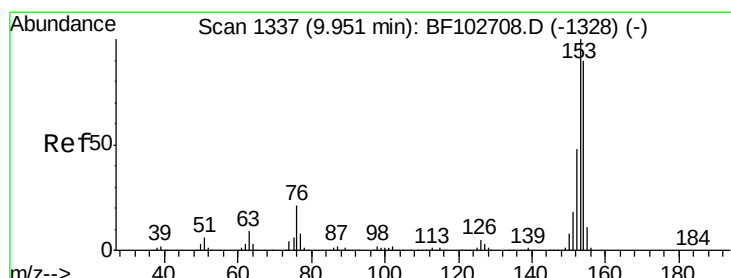
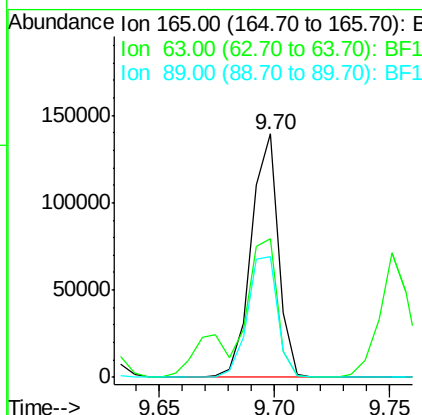
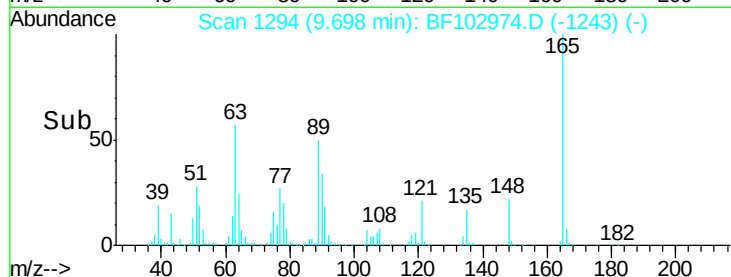
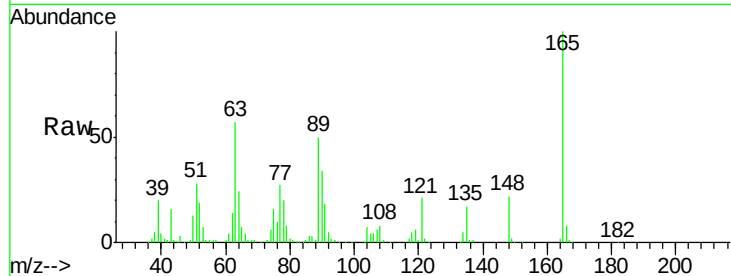
#50
 2,6-Dinitrotoluene
 Concen: 31.623 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	114908		
63	56.8	44.7	67.1	
89	49.6	44.0	66.0	

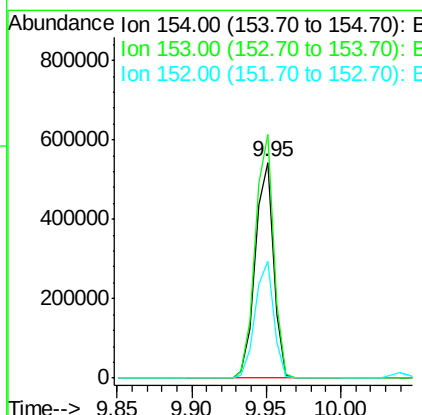
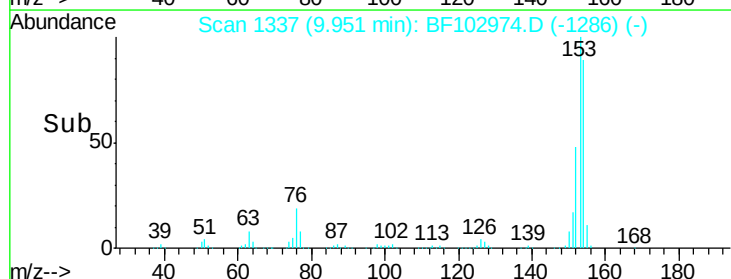
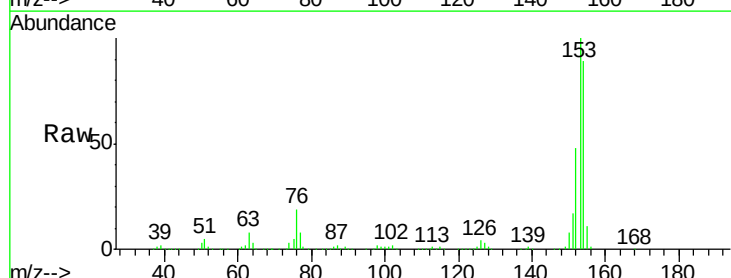
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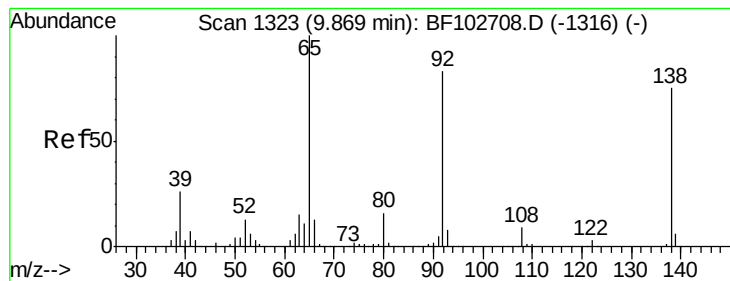
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#51
 Acenaphthene
 Concen: 30.479 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	459824		
153	112.7	91.2	136.8	
152	53.9	43.8	65.8	





#52

3-Nitroaniline

Concen: 37.098 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

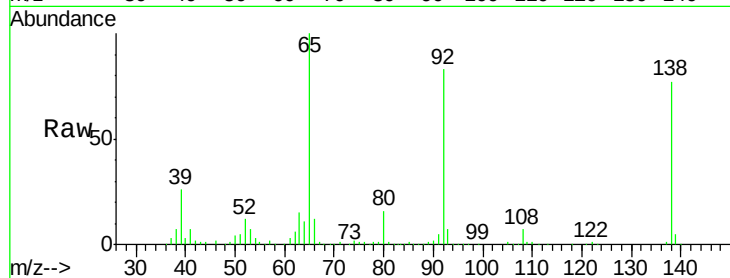
ClientSampleId :

PB106515BS

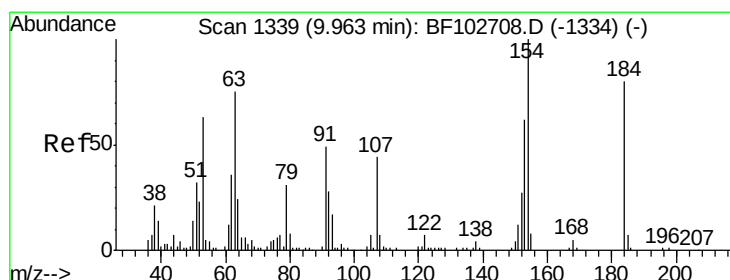
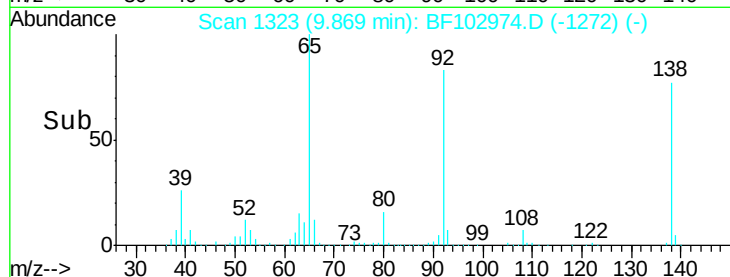
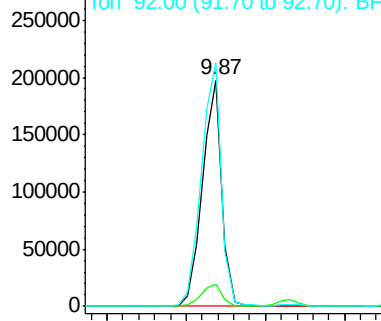
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.4	14.0
92	107.8	89.4	134.2

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Abundance Ion 138.00 (137.70 to 138.70): E



#53

2,4-Dinitrophenol

Concen: 11.745 ng

RT: 9.97 min Scan# 1341

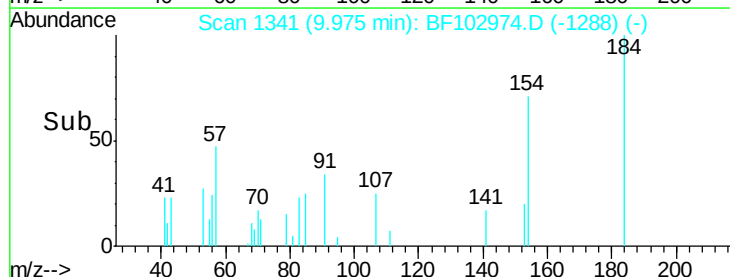
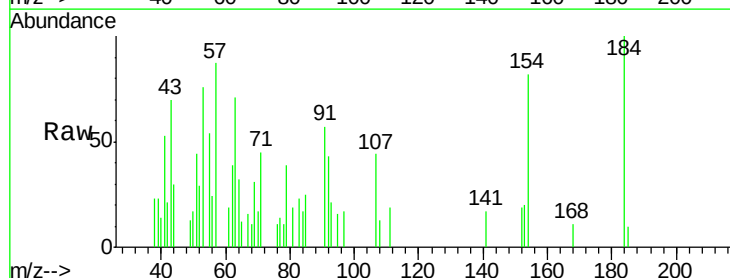
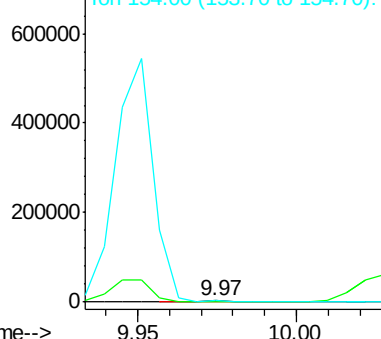
Delta R.T. 0.01 min

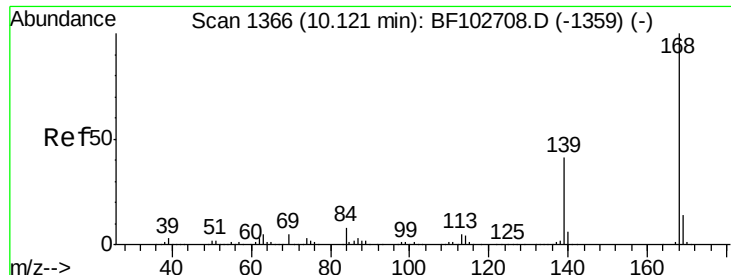
Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.9	54.2	81.2
154	81.5	184.0	276.0#

Abundance Ion 184.00 (183.70 to 184.70): E





#54

Dibenzenofuran

Concen: 32.502 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

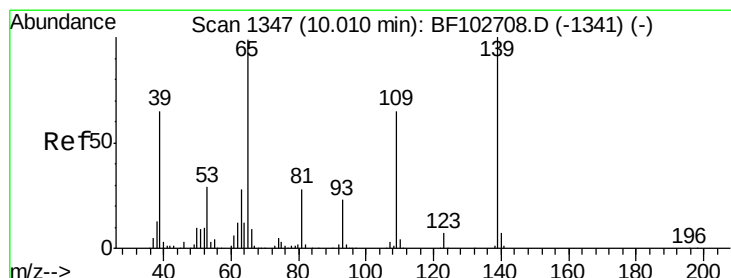
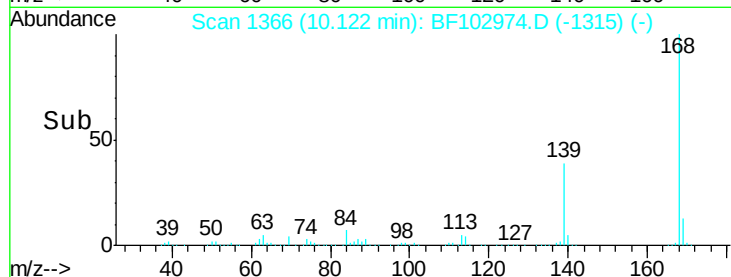
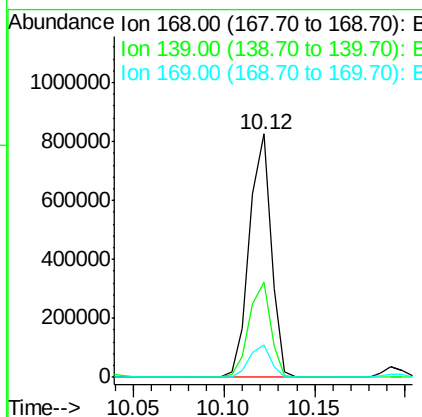
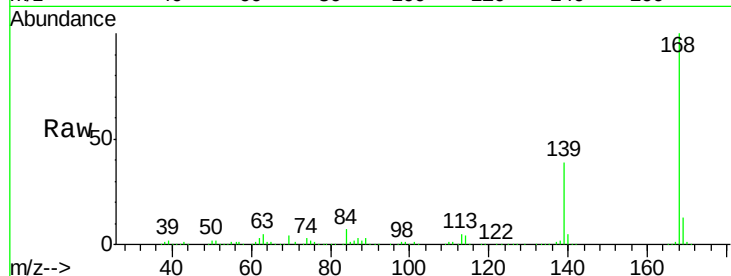
ClientSampled :

PB106515BS

Tot Ion:	168	Resp:	691032
Ion Ratio	Lower	Upper	
168	100		
139	39.1	30.1	45.1
169	13.3	10.9	16.3

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#55

4-Nitrophenol

Concen: 51.876 ng

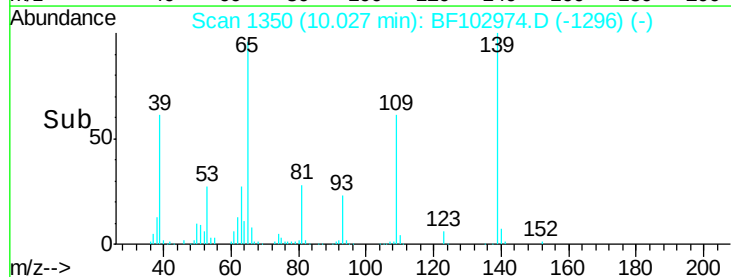
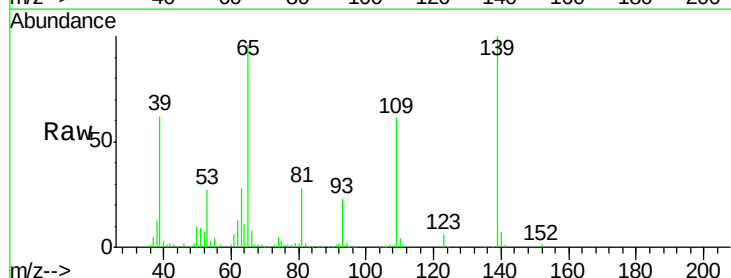
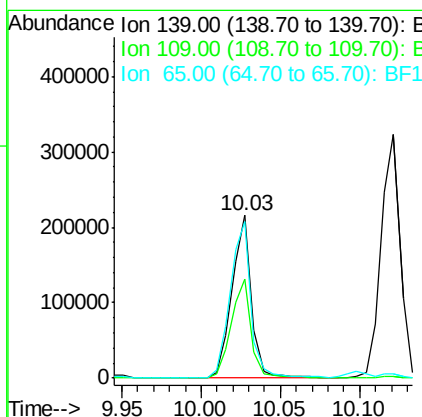
RT: 10.03 min Scan# 1350

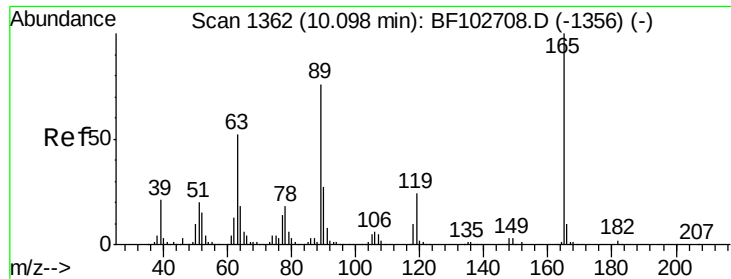
Delta R.T. 0.02 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Tgt Ion:	139	Resp:	185132
Ion Ratio	Lower	Upper	
139	100		
109	61.0	48.4	88.4
65	95.9	72.6	112.6





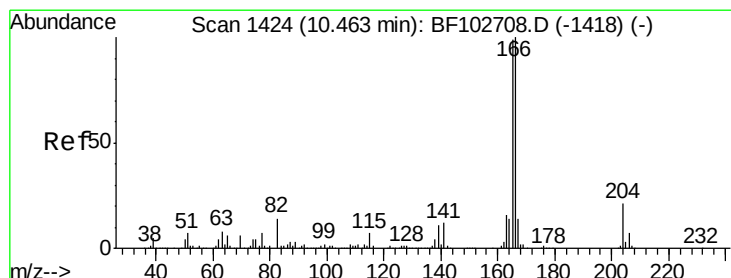
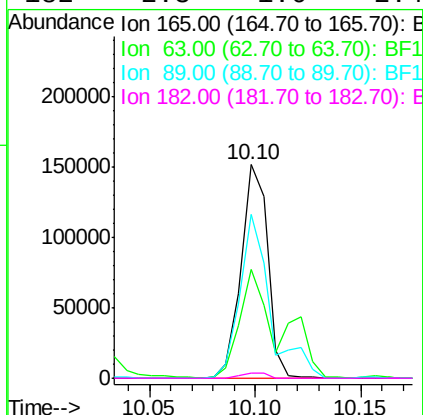
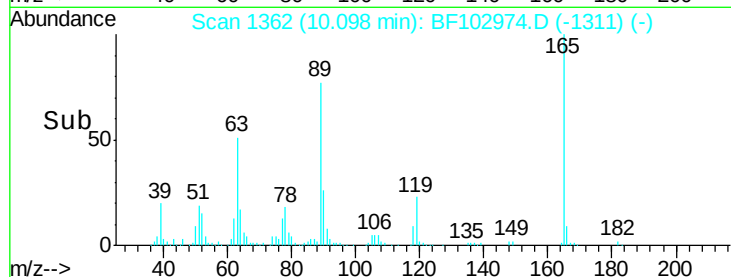
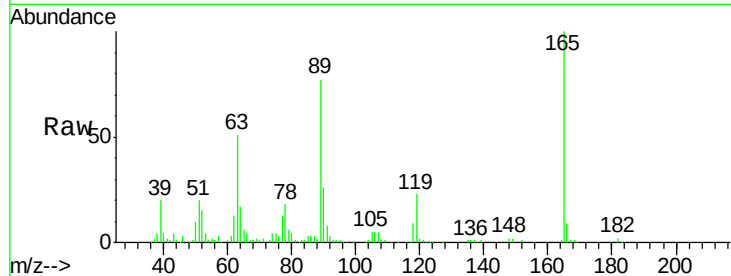
#56
2,4-Dinitrotoluene
Concen: 28.503 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :
PB106515BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	132399		
63	50.8	36.4	54.6	
89	76.6	57.8	86.6	
182	2.3	1.6	2.4	

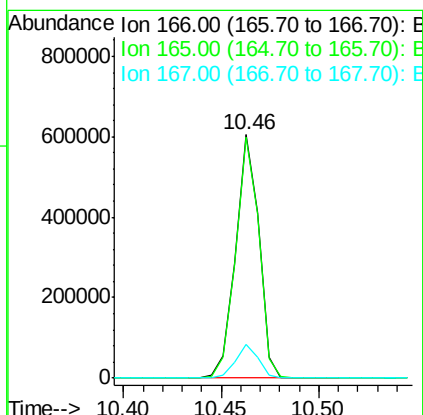
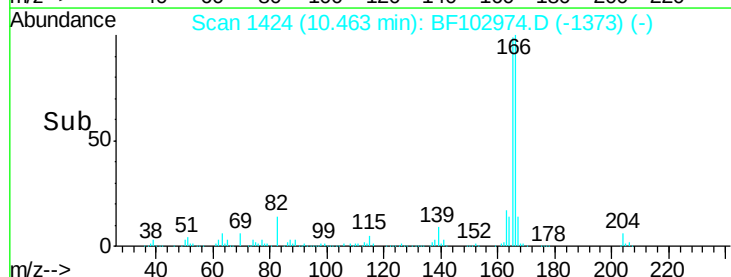
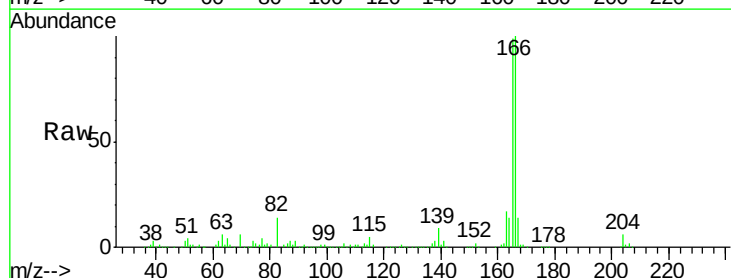
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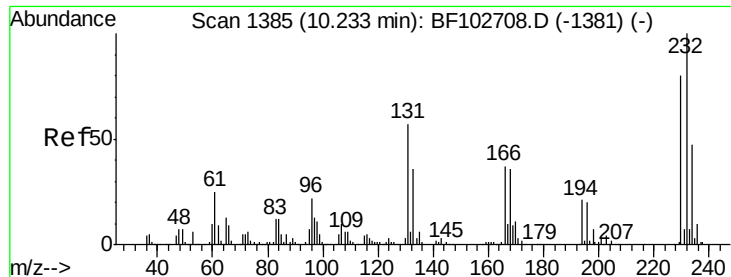
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#57
Fluorene
Concen: 32.405 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	501276		
165	99.0	79.8	119.8	
167	13.6	10.6	16.0	





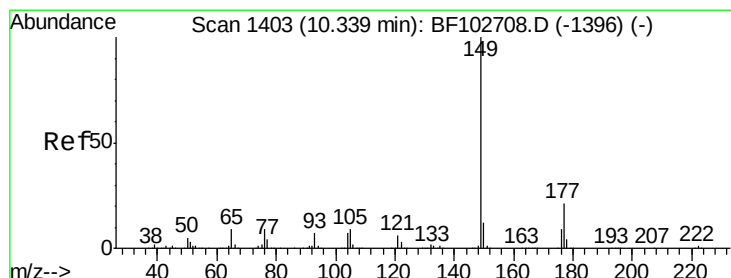
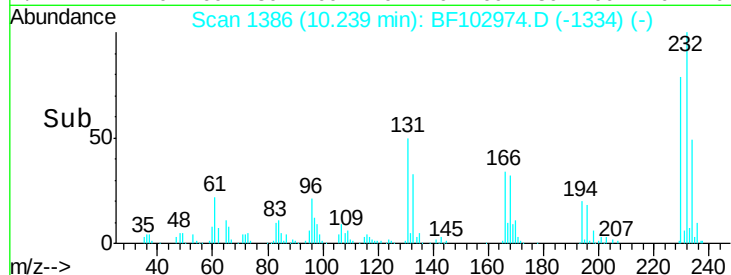
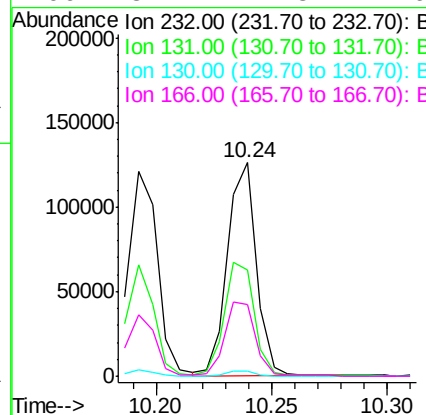
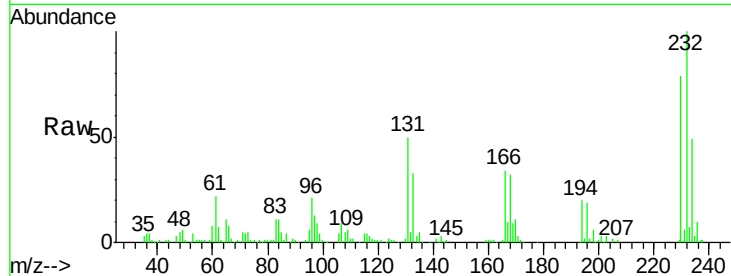
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.100 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	109851		
131	57.0		43.8	65.8
130	2.6		2.1	3.1
166	37.1		27.8	41.6

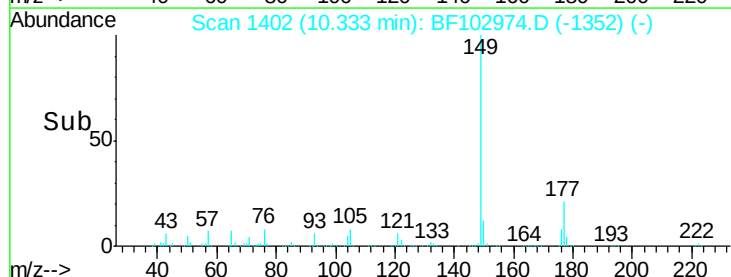
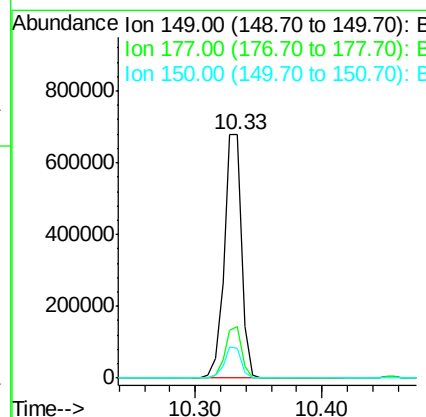
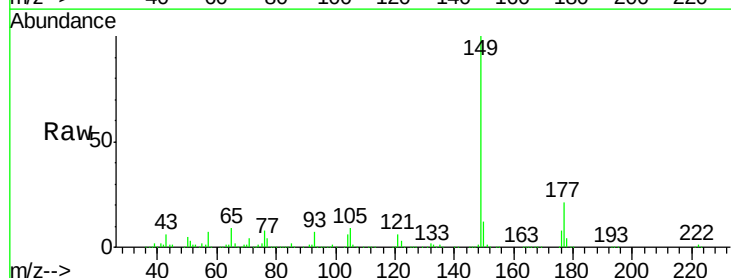
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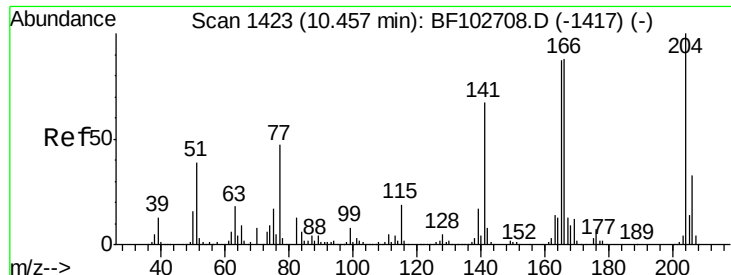
Sohil
 2/14/2018 10:29:53 AM



#59
 Diethylphthalate
 Concen: 34.399 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	648717		
177	21.5		16.1	24.1
150	12.5		10.1	15.1





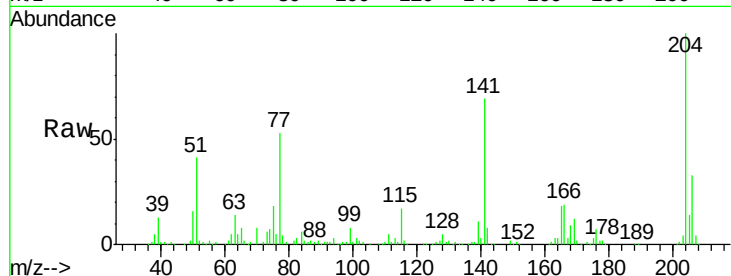
#60
 4-Chlorophenyl-phenylether
 Concen: 34.653 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	237136		
206	32.5	26.5	39.7	
141	68.9	54.6	81.8	

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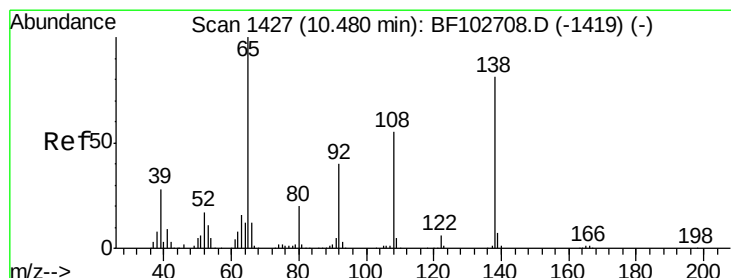
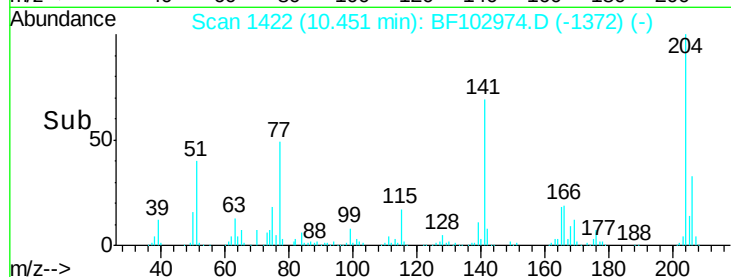
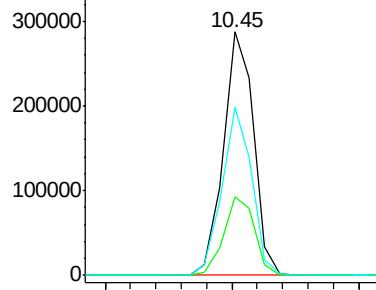


Abundance

Ion 204.00 (203.70 to 204.70): E

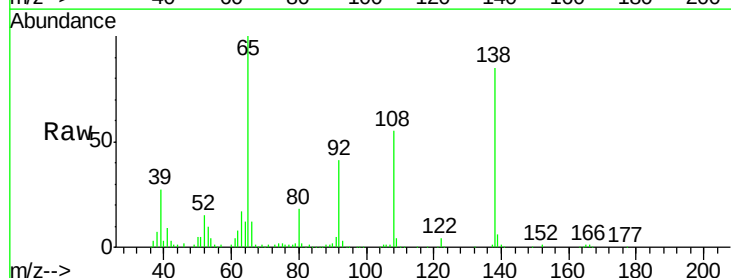
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61
 4-Nitroaniline
 Concen: 40.130 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	170783		
92	48.2	30.2	70.2	
108	64.6	52.5	92.5	

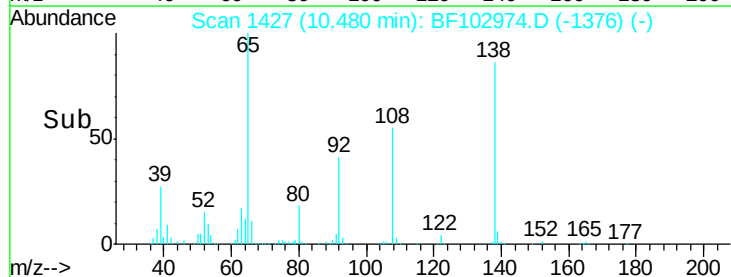
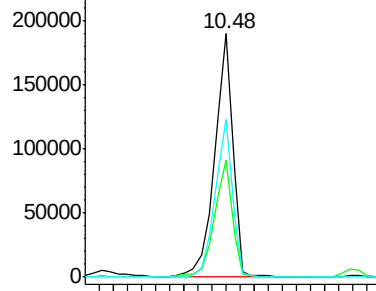


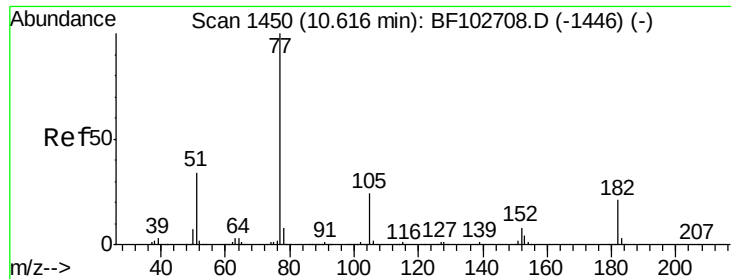
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 31.472 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

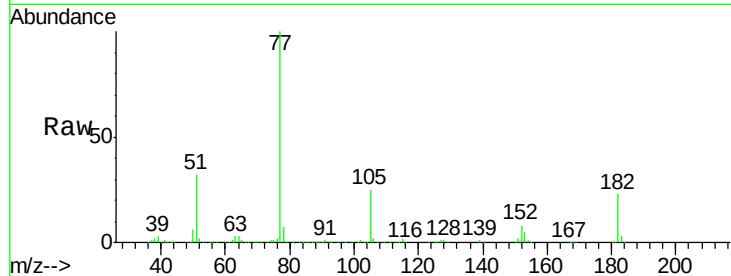
ClientSampleId :

PB106515BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.3	1.7	41.7	
105	24.7	3.0	43.0	
51	32.0	9.9	49.9	

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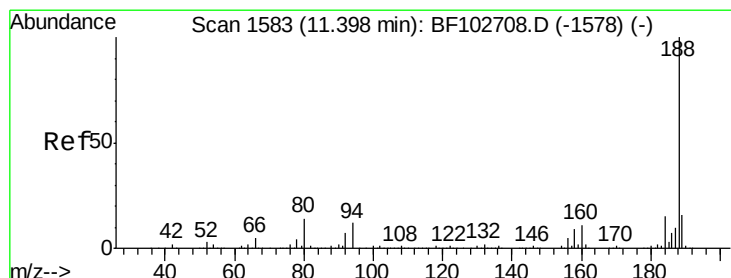
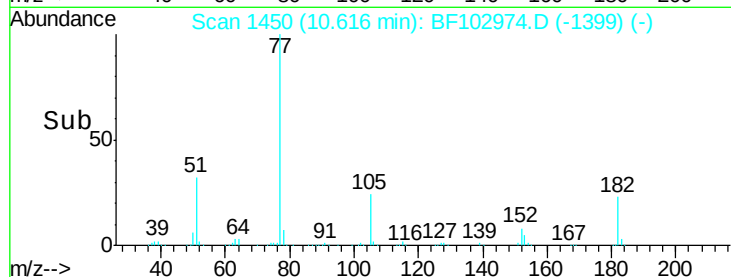
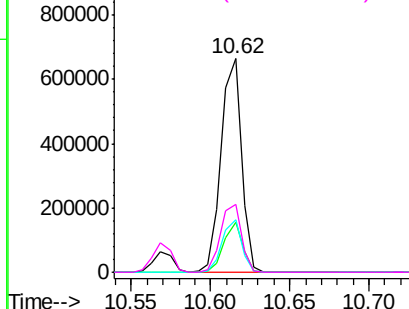


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

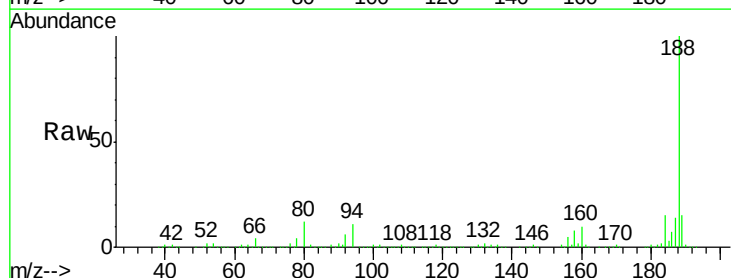
RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

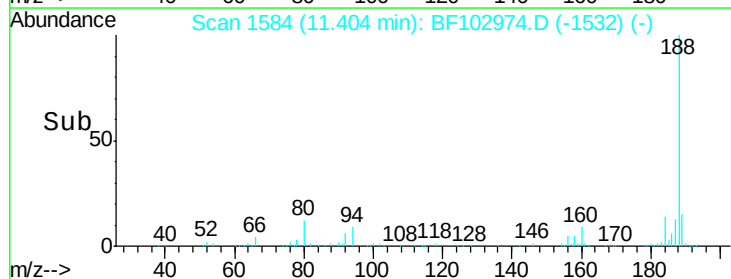
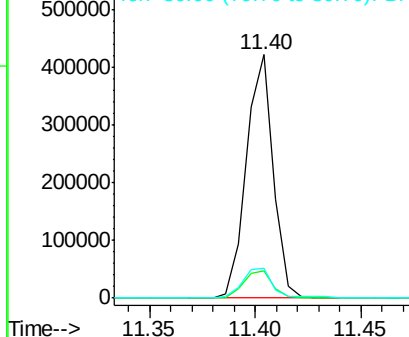
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.3	8.5	12.7	
80	12.3	9.2	13.8	

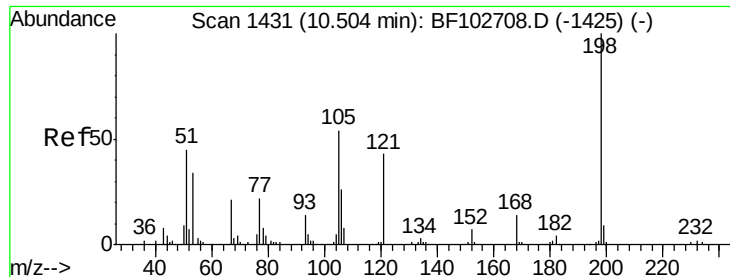


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 10.932 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

ClientSampleId :

PB106515BS

Tot Ion:198 Resp: 3585

Ion Ratio Lower Upper

198 100

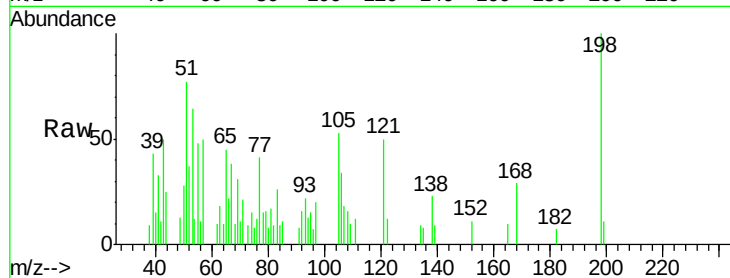
51 77.0 37.7 77.7

105 53.1 36.3 76.3

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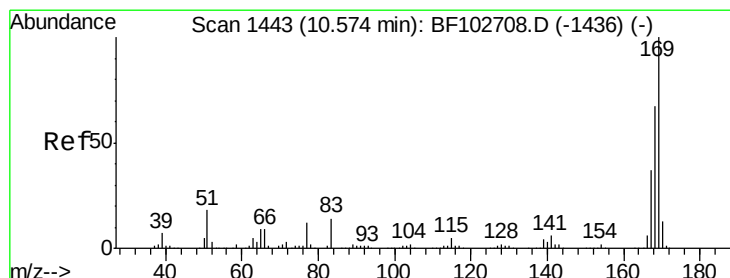
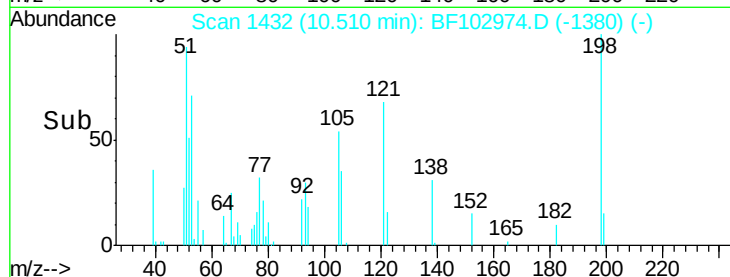
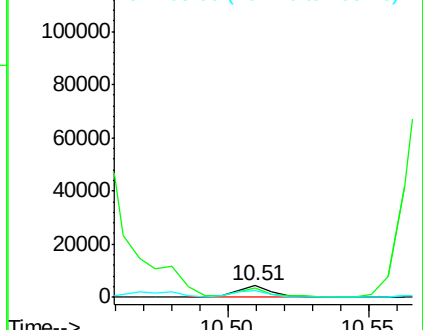
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 34.335 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

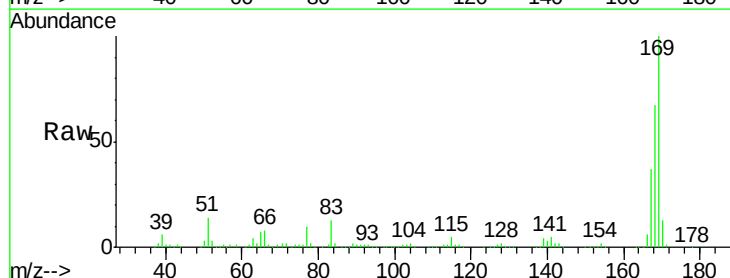
Tgt Ion:169 Resp: 448646

Ion Ratio Lower Upper

169 100

168 66.7 54.4 81.6

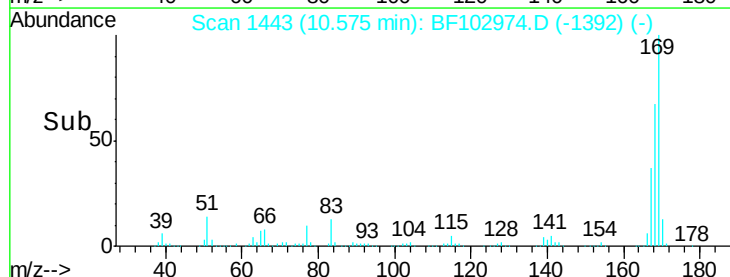
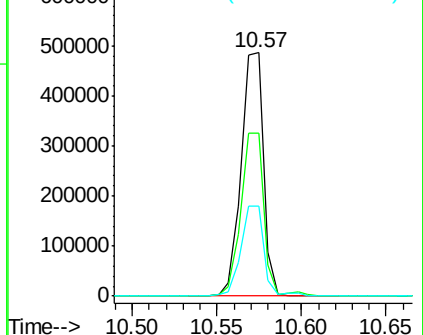
167 37.0 29.8 44.6

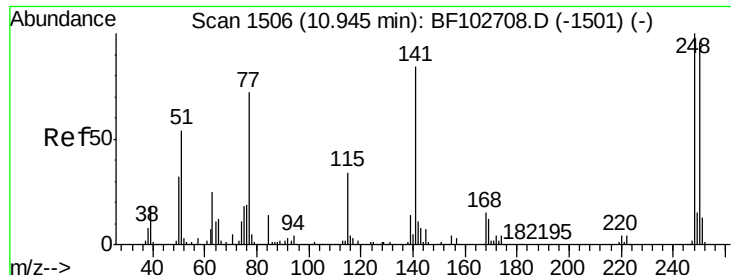


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





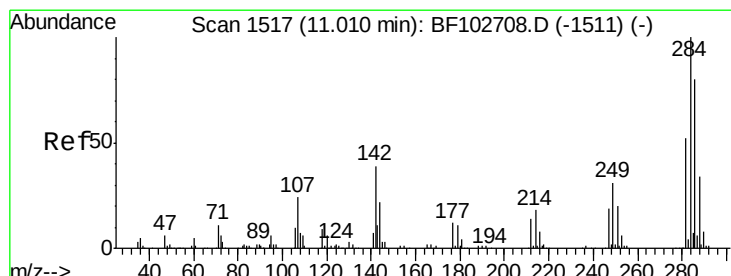
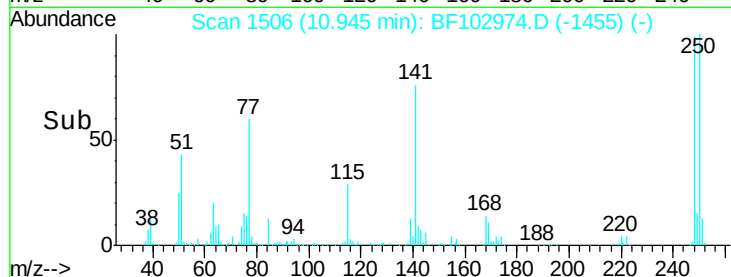
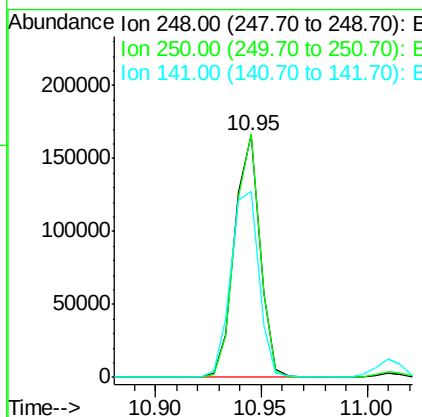
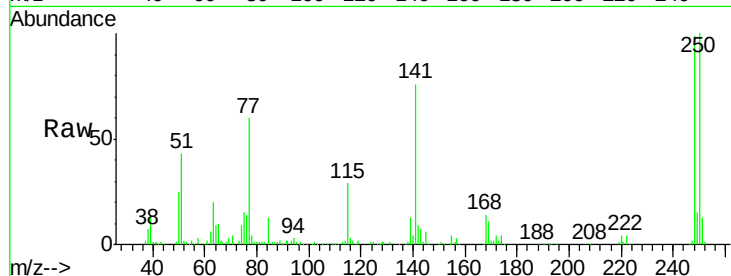
#66
4-Bromophenyl-phenylether
Concen: 35.009 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :
PB106515BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.7	76.9	115.3
141	77.0	74.4	111.6

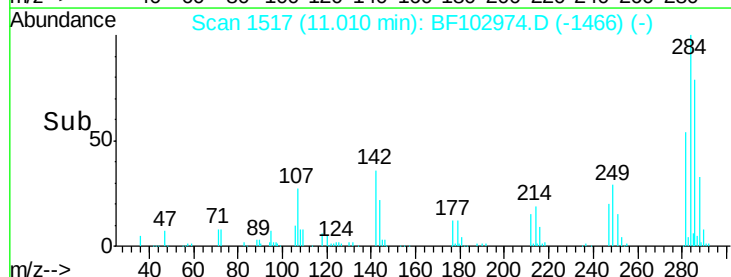
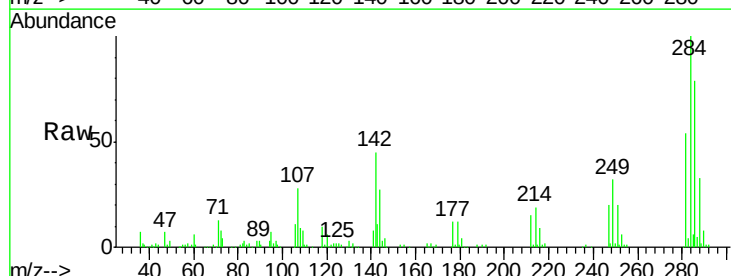
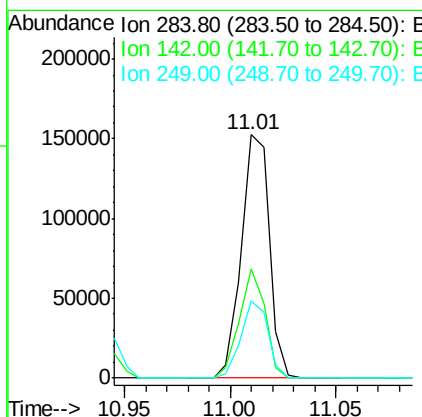
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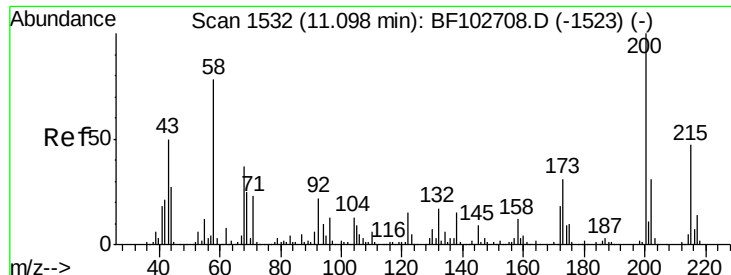
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#67
Hexachlorobenzene
Concen: 32.515 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.7	34.6	52.0
249	31.6	24.8	37.2





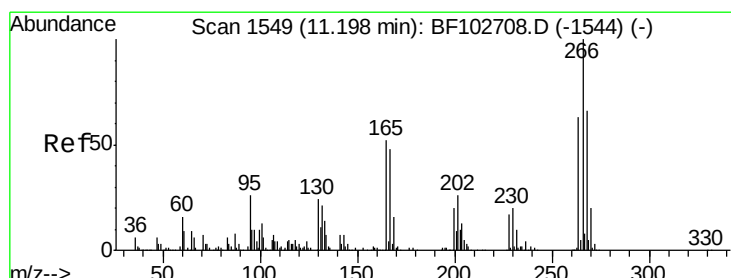
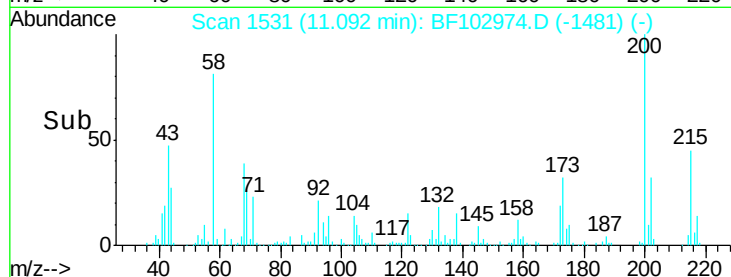
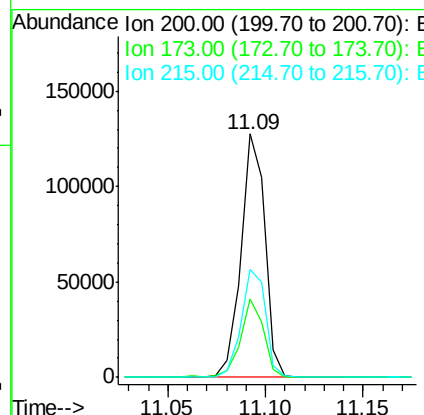
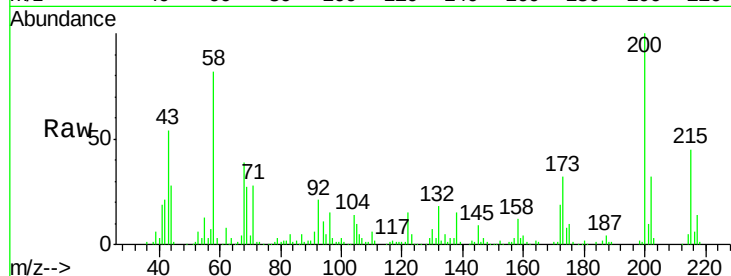
#68
 Atrazine
 Concen: 27.983 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	32.1	8.6	48.6
215	44.5	25.1	65.1

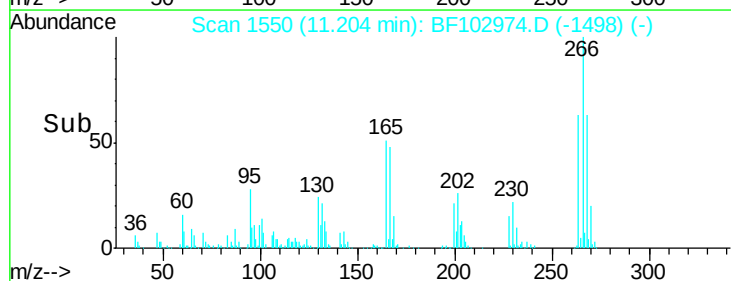
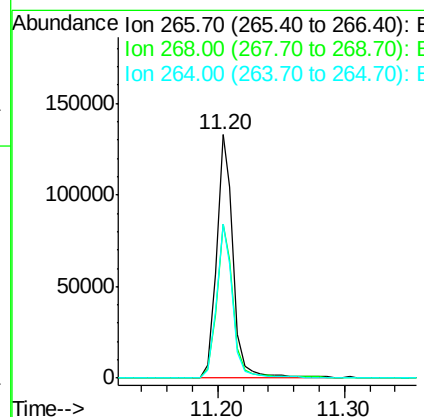
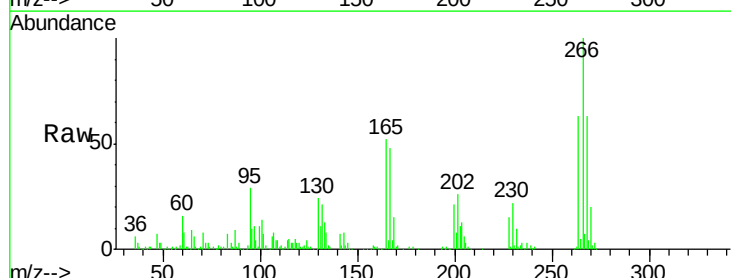
Manual Integrations
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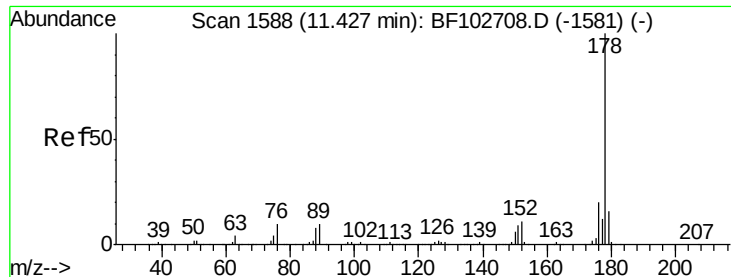
Sohil
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#69
 Pentachlorophenol
 Concen: 48.422 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	63.1	49.5	74.3





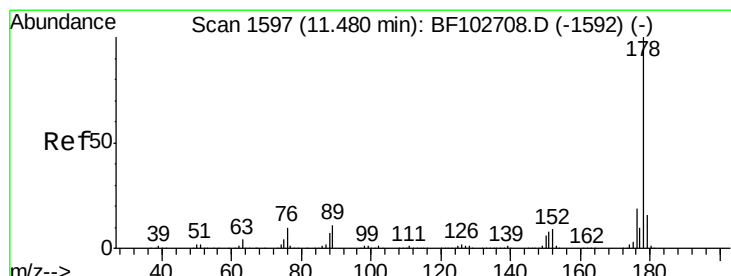
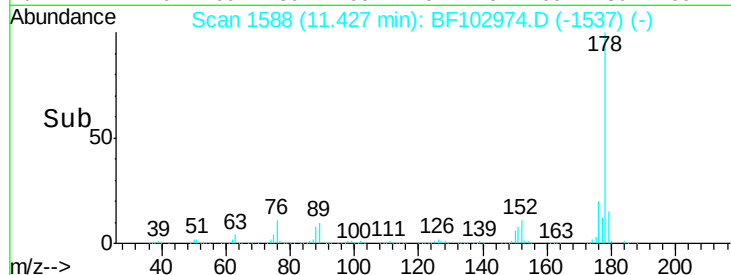
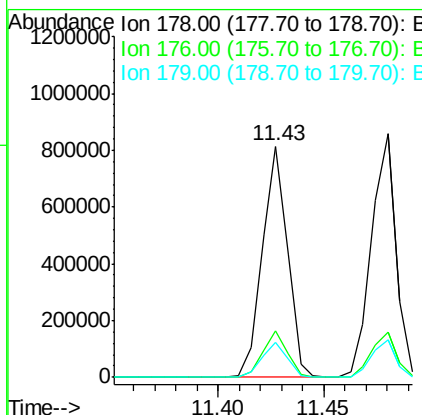
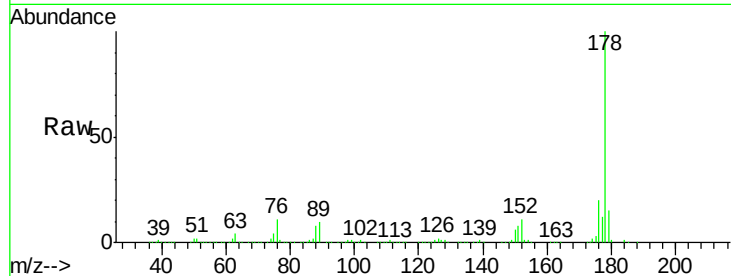
#70
Phenanthrene
Concen: 32.840 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :
PB106515BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.2	13.0	19.6

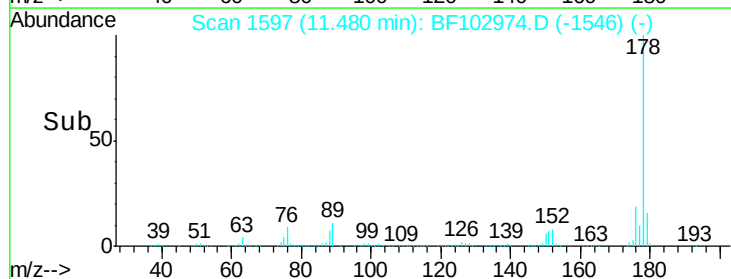
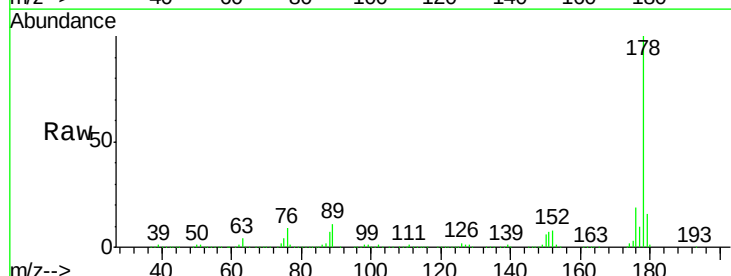
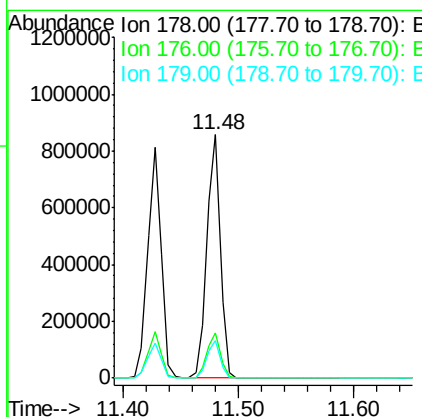
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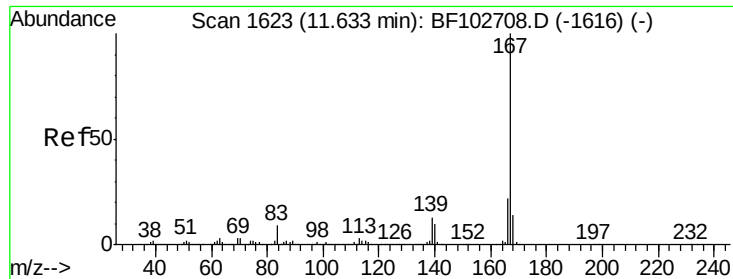
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#71
Anthracene
Concen: 33.412 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.6	12.6	19.0





#72

Carbazole

Concen: 32.134 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

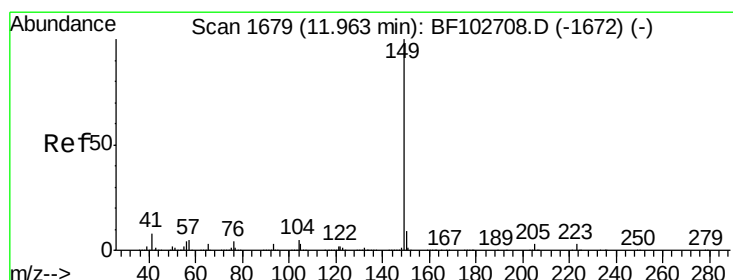
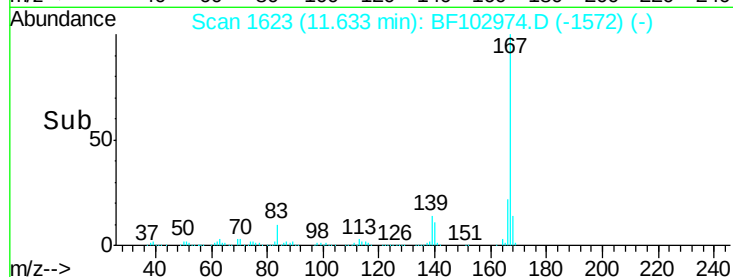
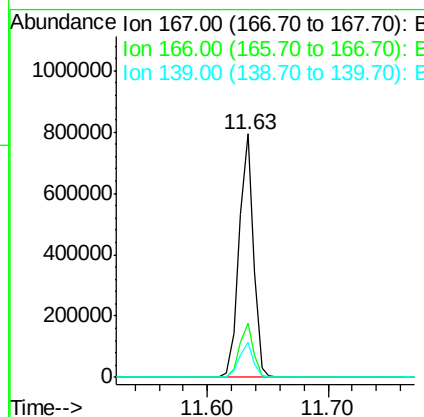
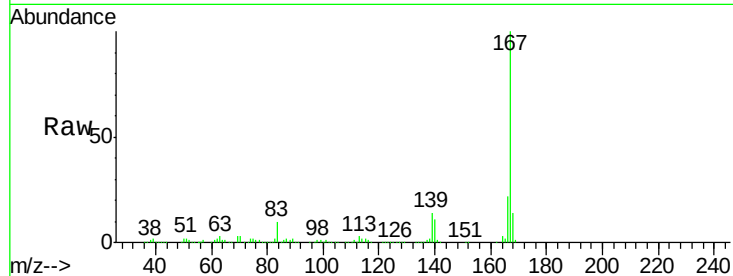
ClientSampleId :

PB106515BS

Tot Ion:	167	Resp:	660611
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.6	26.4
139	14.2	10.9	16.3

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#73

Di-n-butylphthalate

Concen: 36.510 ng

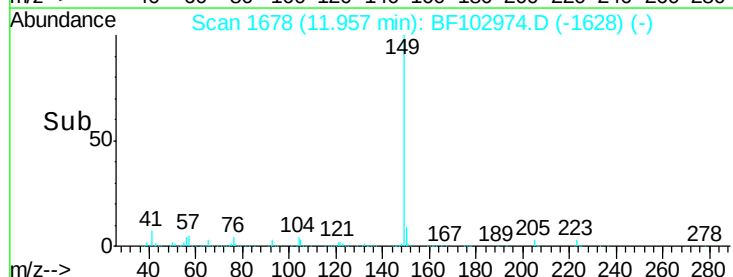
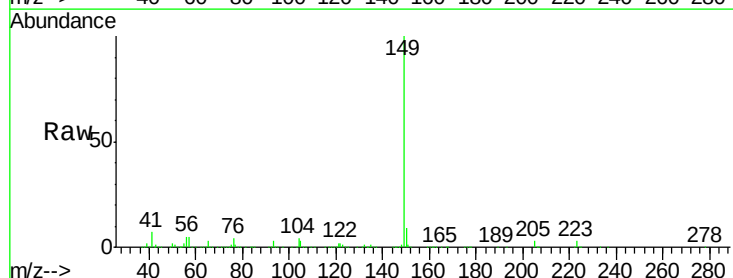
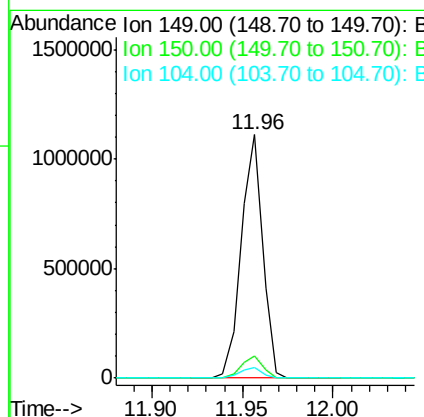
RT: 11.96 min Scan# 1678

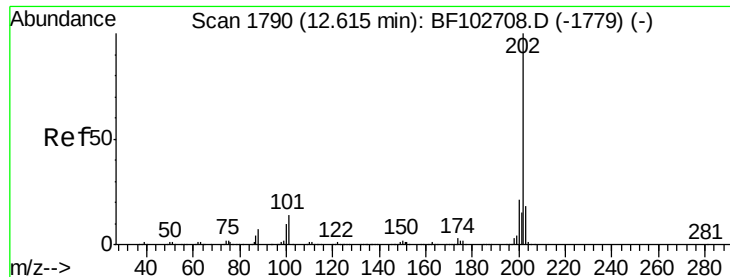
Delta R.T. -0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Tgt Ion:	149	Resp:	911737
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.5	3.8	5.8





#74

Fluoranthene

Concen: 33.269 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

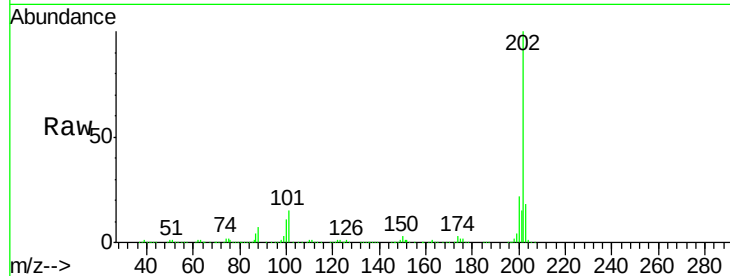
ClientSampleId :

PB106515BS

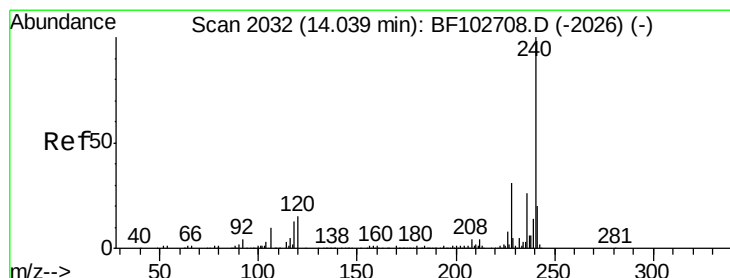
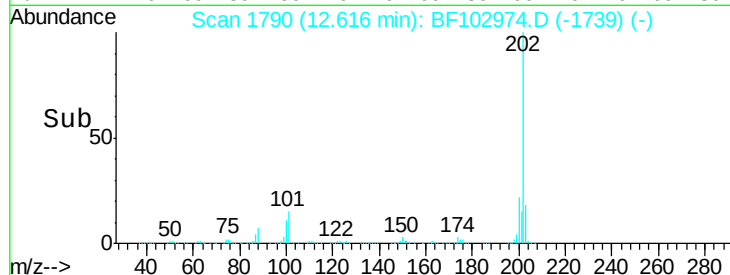
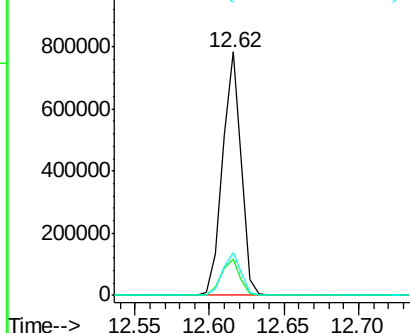
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.6	0.0	34.1
203	17.7	0.0	38.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

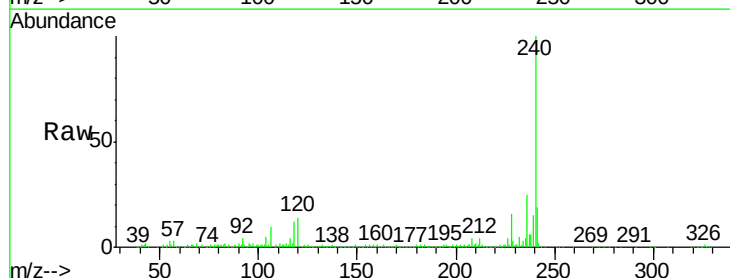
RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

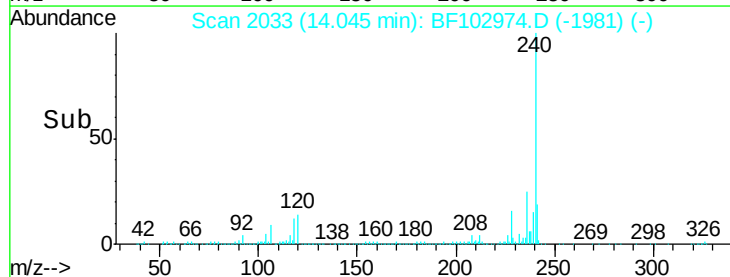
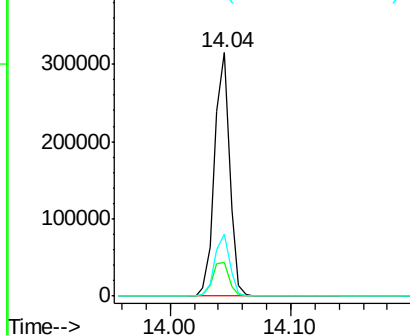
Lab File: BF102974.D

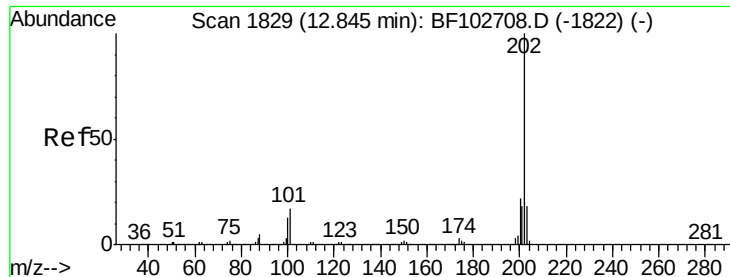
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.9	9.5	14.3
236	25.5	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 33.474 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

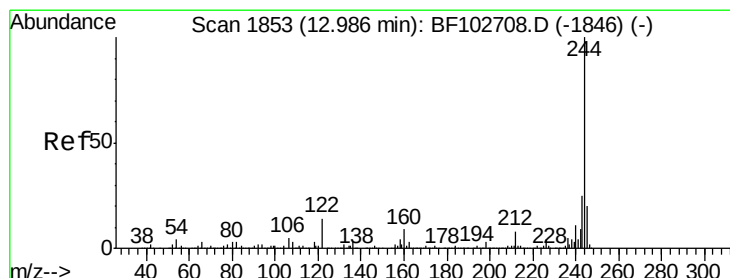
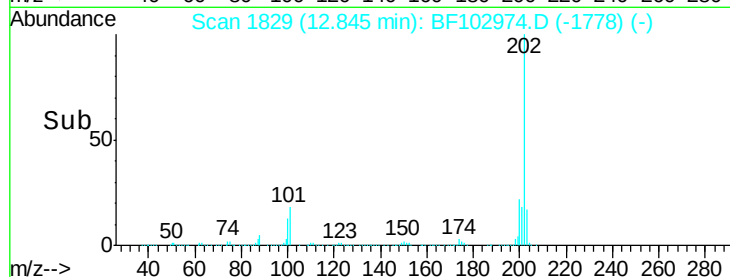
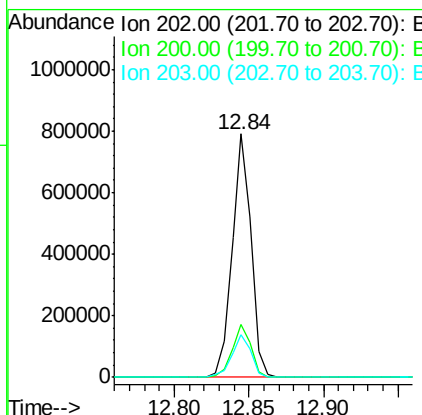
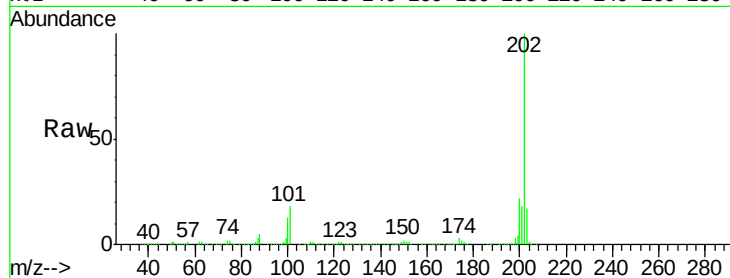
ClientSampled :

PB106515BS

Tot Ion:	202	Resp:	707454
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	17.5	14.3	21.5

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#78

Terphenyl-d14

Concen: 94.467 ng

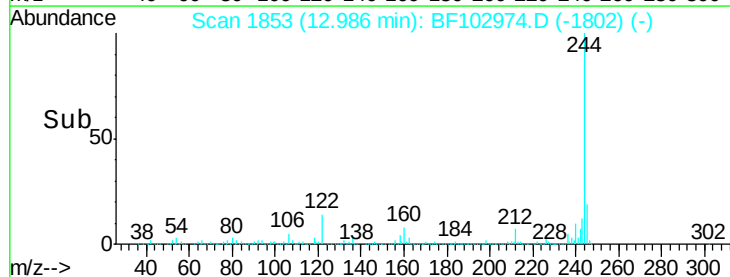
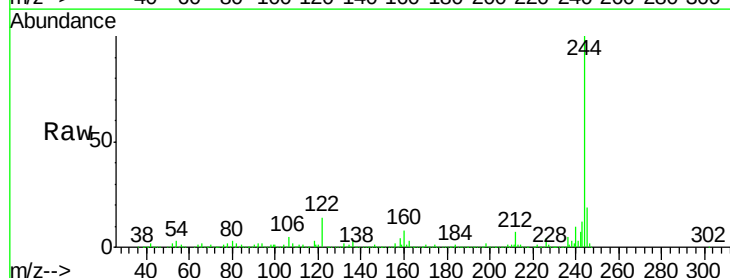
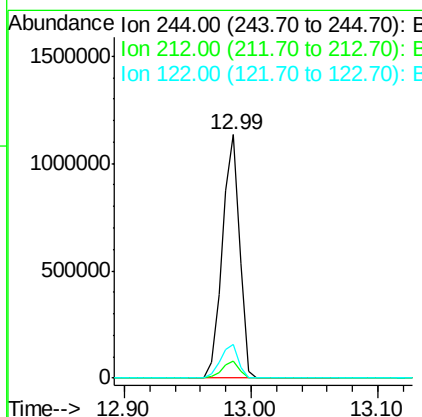
RT: 12.99 min Scan# 1853

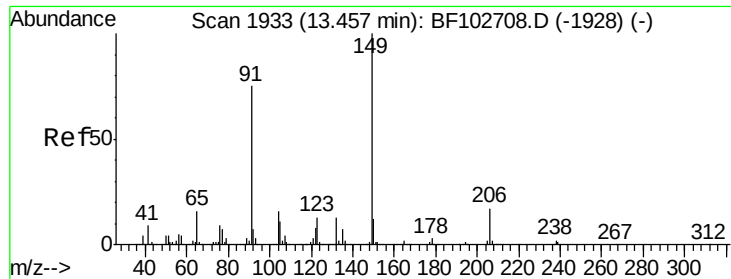
Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Tgt Ion:	244	Resp:	1075301
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	13.8	11.0	16.4





#79

Butylbenzylphthalate

Concen: 37.883 ng

RT: 13.46 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

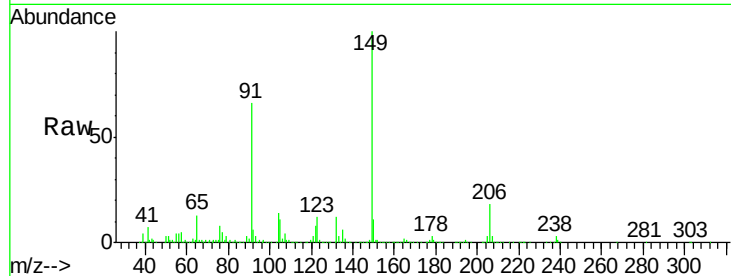
ClientSampled :

PB106515BS

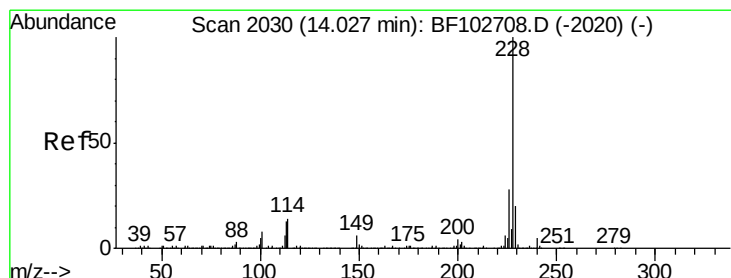
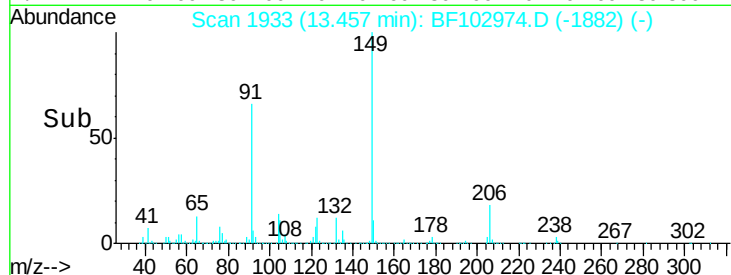
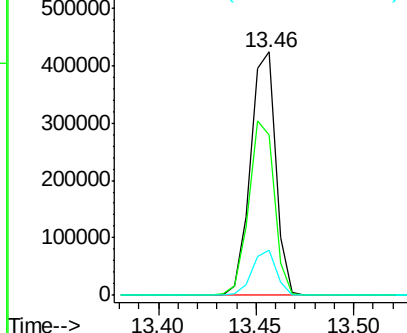
Tot Ion:	149	Resp:	380739
Ion Ratio	Lower	Upper	
149	100		
91	66.1	56.8	85.2
206	18.4	14.1	21.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 33.639 ng

RT: 14.03 min Scan# 2031

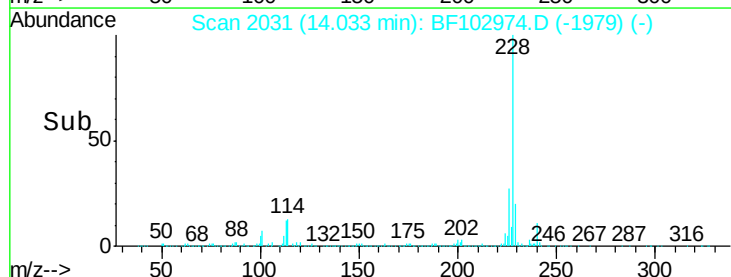
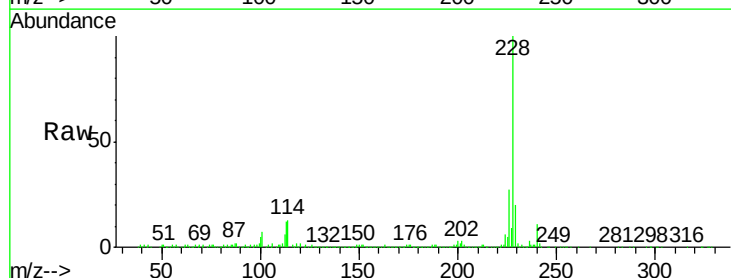
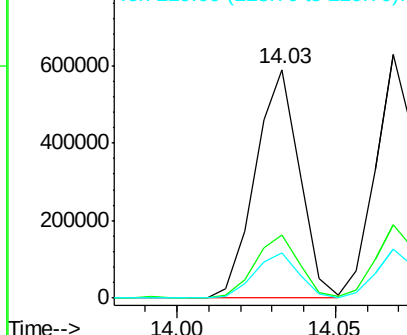
Delta R.T. 0.01 min

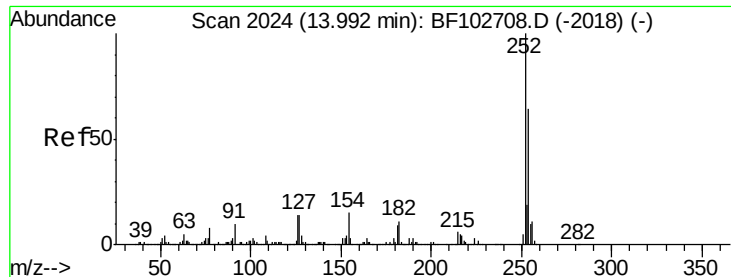
Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Tgt Ion:	228	Resp:	570180
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	33.8
229	20.0	15.8	23.6

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





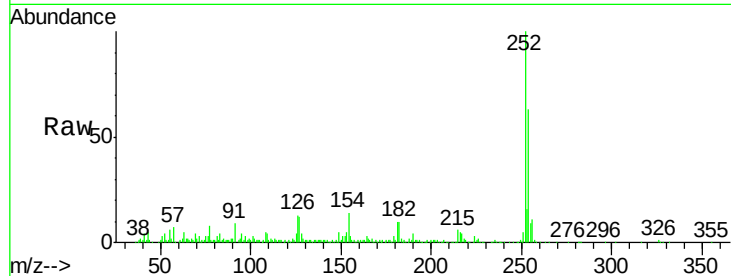
#81
 3,3'-Dichlorobenzidine
 Concen: 23.455 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BS

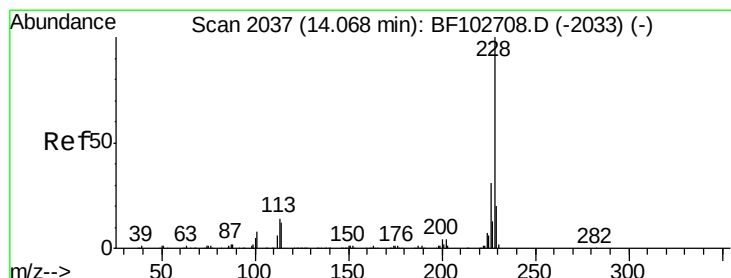
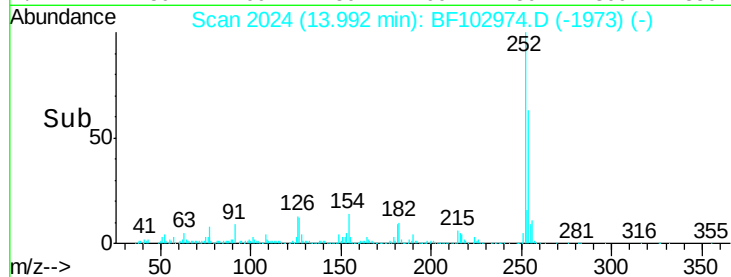
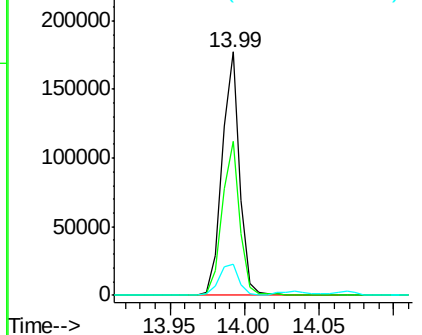
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	50.4	75.6
126	12.9	11.3	16.9

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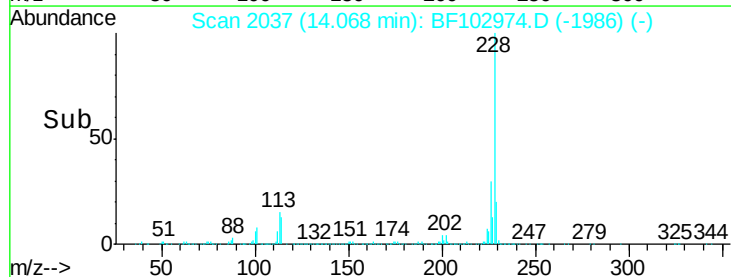
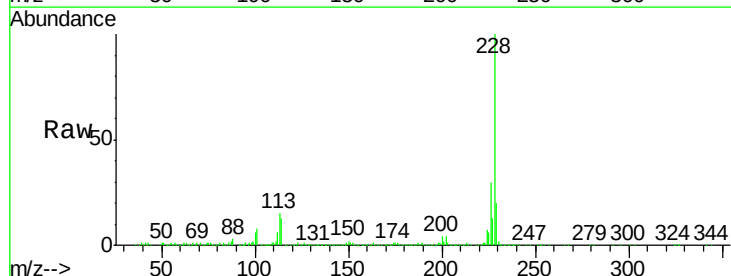
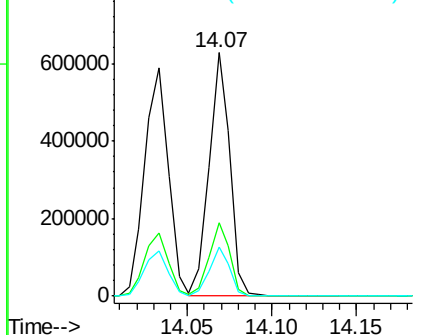
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

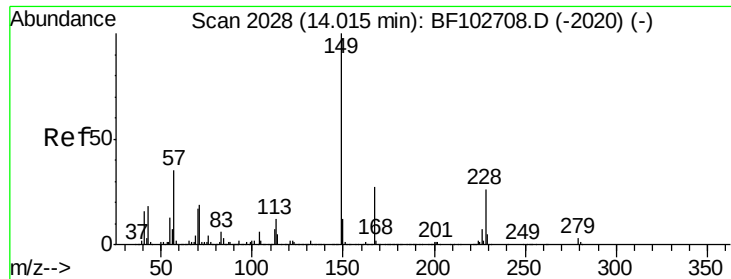


#82
 Chrysene
 Concen: 31.594 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.2	16.2	24.4

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.359 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

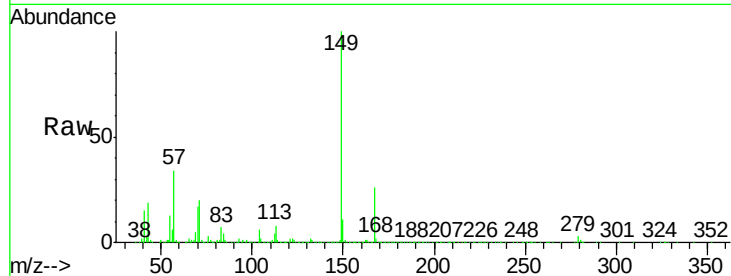
ClientSampleId :

PB106515BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.0	21.3	31.9	
279	2.9	3.0	4.4	

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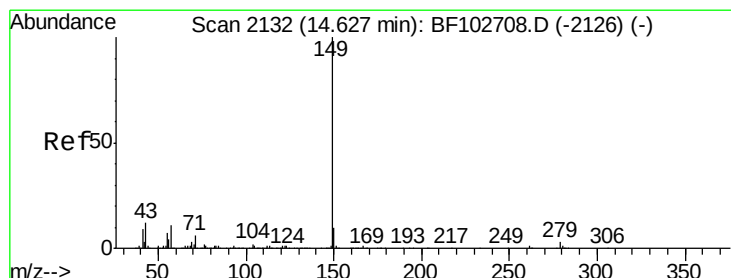
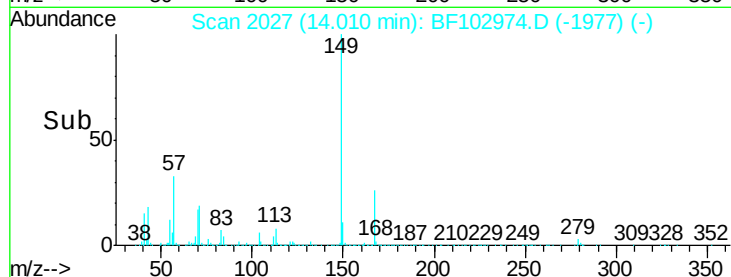
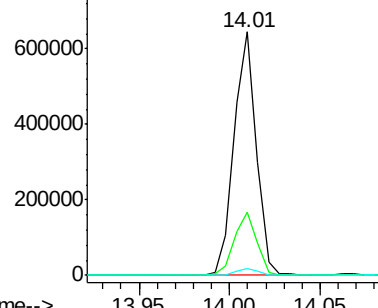
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.961 ng

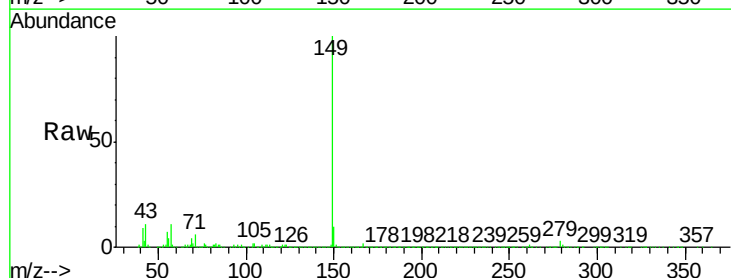
RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

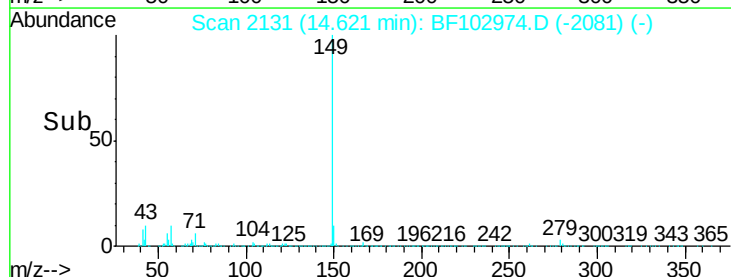
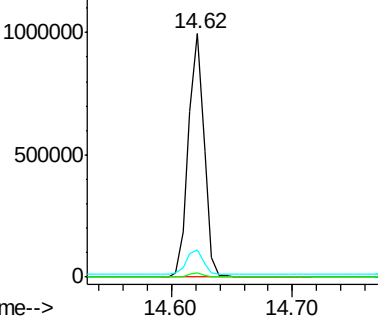
Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.4	1.2	1.8	
43	11.4	8.4	12.6	

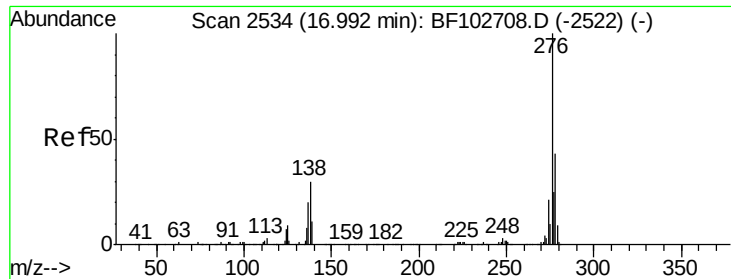


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





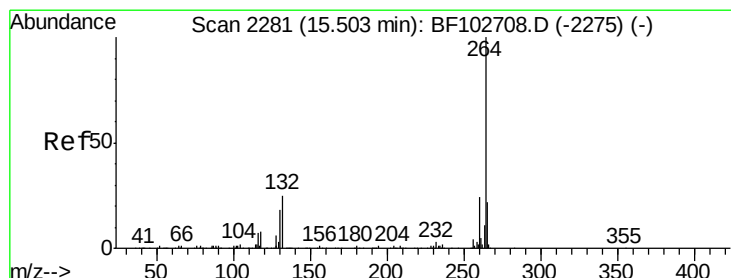
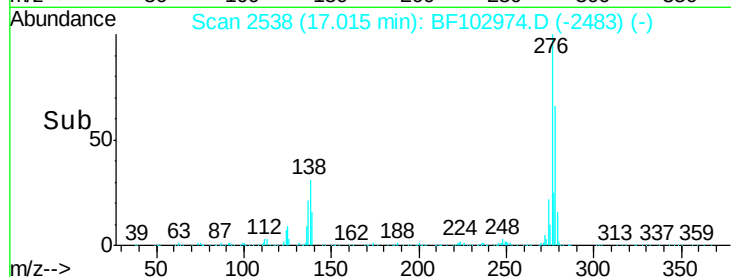
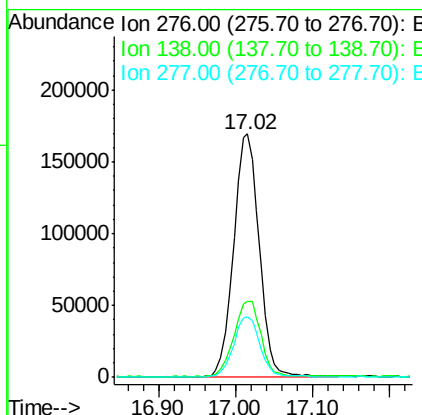
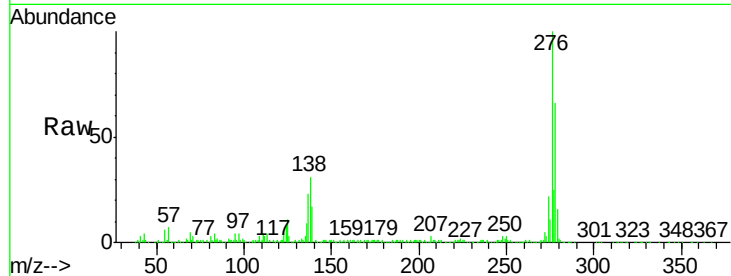
#85
Indeno(1,2,3-cd)pyrene
Concen: 27.978 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.02 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :
PB106515BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.0	37.6
277	25.0	20.1	30.1

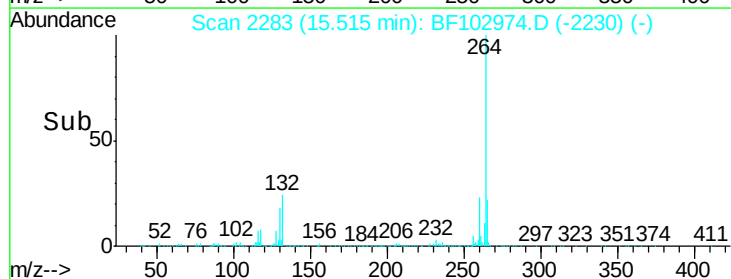
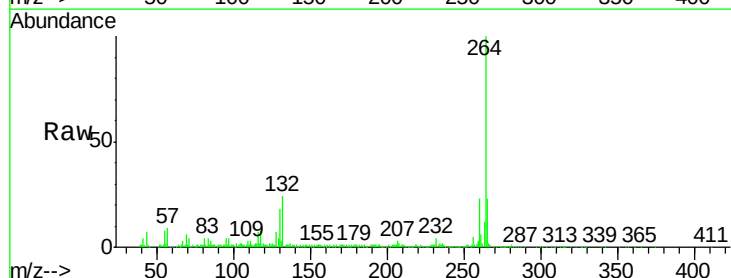
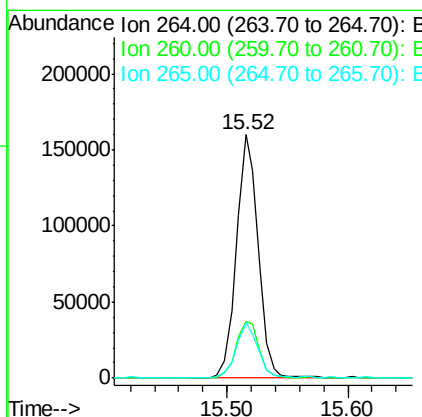
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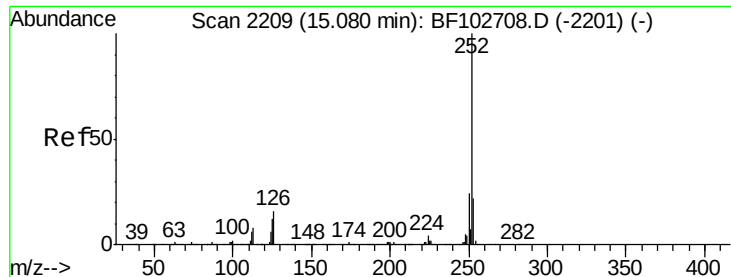
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.6	17.5	26.3





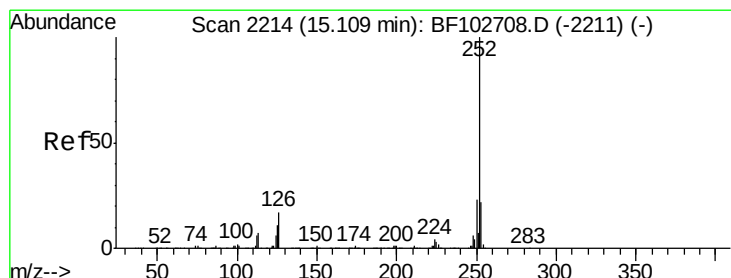
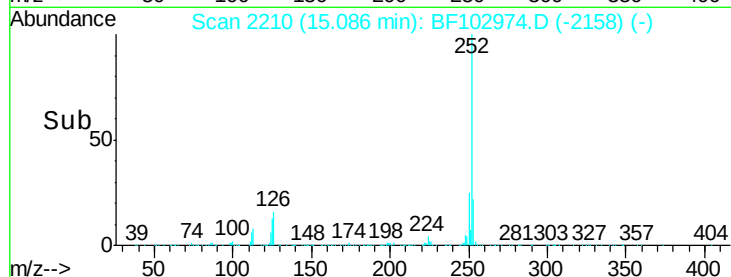
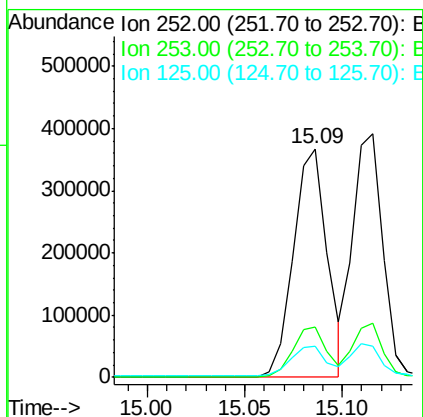
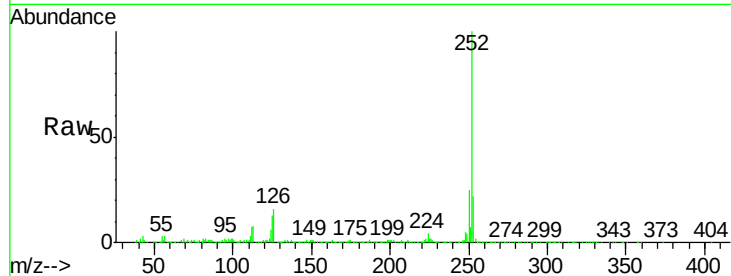
#87
Benzo(b)fluoranthene
Concen: 33.959 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :
PB106515BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	13.5	9.0	13.6

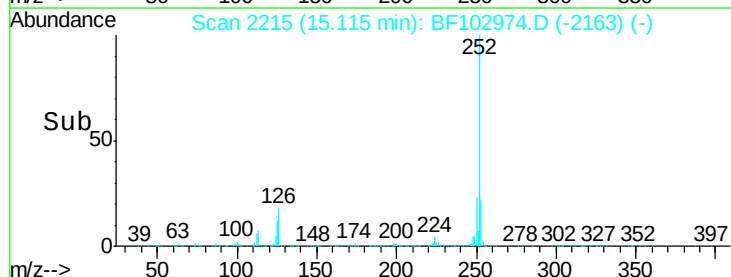
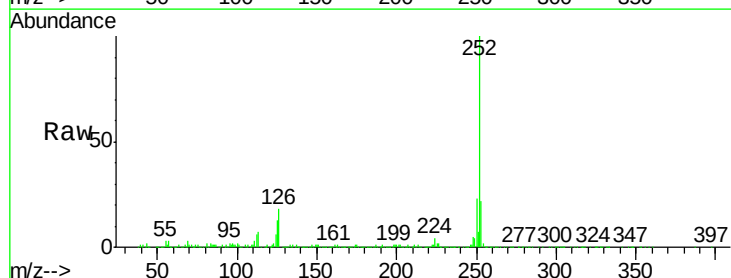
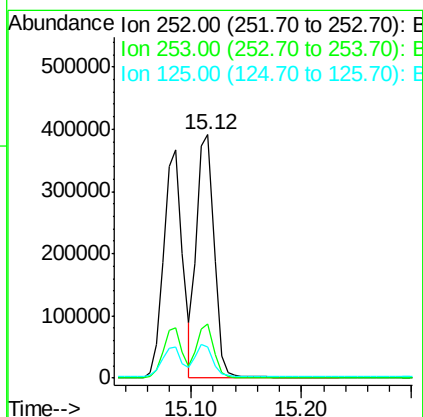
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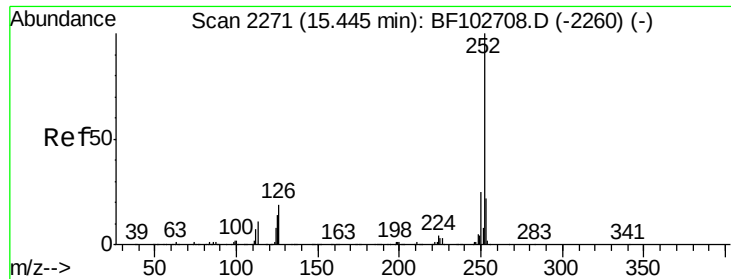
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#88
Benzo(k)fluoranthene
Concen: 33.920 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	12.8	10.2	15.2





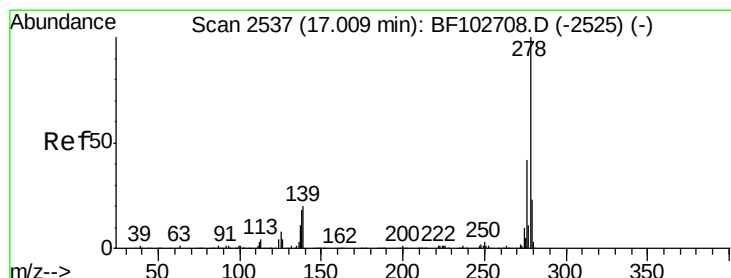
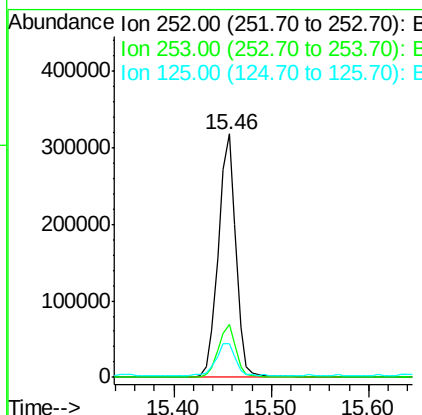
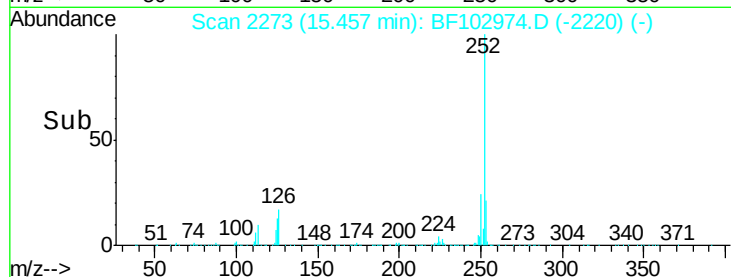
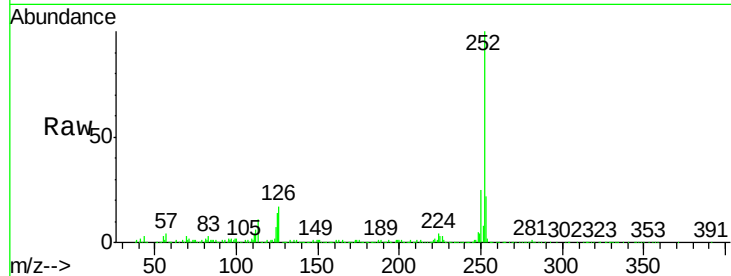
#89
Benzo(a)pyrene
Concen: 33.670 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :
PB106515BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	14.1	9.8	14.6

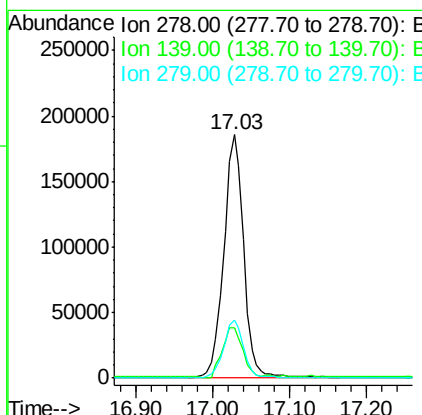
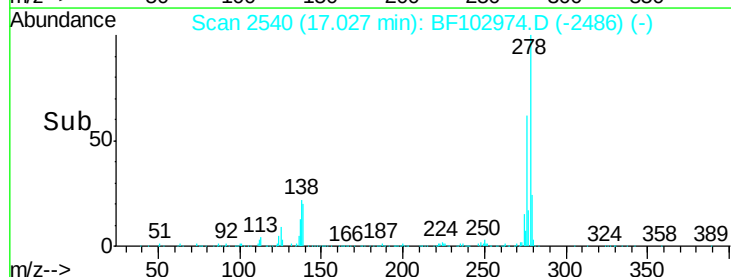
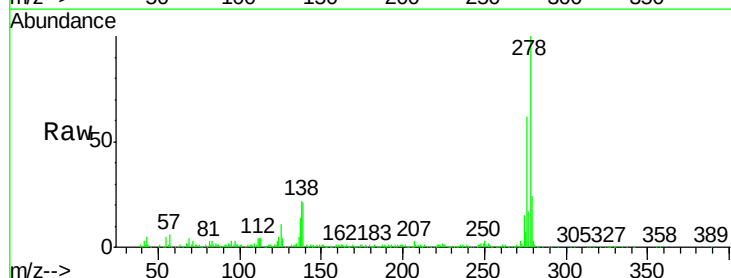
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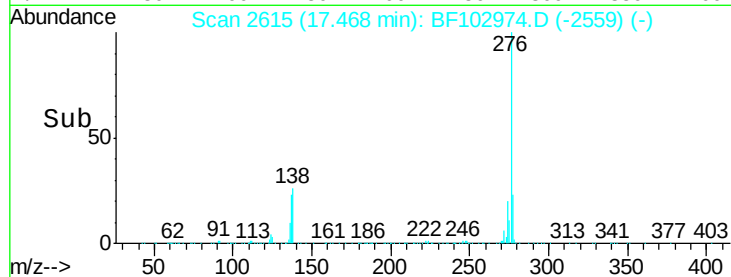
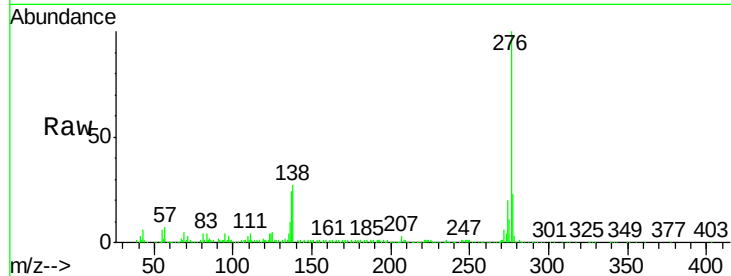
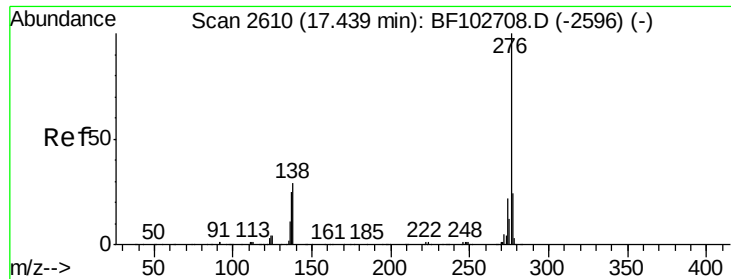
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#90
Dibenzo(a,h)anthracene
Concen: 35.336 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.02 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	15.9	23.9
279	23.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 35.564 ng

RT: 17.47 min Scan# 2615

Delta R.T. 0.03 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

ClientSampleId :

PB106515BS

Tot Ion:	276	Resp:	331172
Ion Ratio	Lower	Upper	
276	100		
277	23.4	17.9	26.9
138	26.9	21.8	32.8

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