

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF102978.D
 Acq On : 14 Feb 2018 10:12
 Operator : SJ/JU
 Sample : PB106515BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BS

Manual Integrations
 APPROVED

Sohil

Quant Time: Feb 14 14:14:04 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

2/15/2018 11:06:10 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	170274	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	722864	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	332818	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	601649	20.00	ng	0.00
75) Chrysene-d12	14.04	240	399759	20.00	ng	0.00
86) Perylene-d12	15.52	264	328917	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1280010	114.16	ng	0.02
7) Phenol-d6	6.52	99	1580695	117.09	ng	0.02
23) Nitrobenzene-d5	7.45	82	1025062	98.37	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	351447	131.20	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1655515	82.54	ng	0.00
78) Terphenyl-d14	12.99	244	1577133	93.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	156967	28.344	ng	88
4) n-Nitrosodimethylamine	3.42	42	221249	33.797	ng	99
6) Aniline	6.54	93	50531	2.535	ng	# 90
8) 2-Chlorophenol	6.66	128	389041	33.704	ng	92
9) Benzaldehyde	6.43	77	106968	10.670	ng	97
10) Phenol	6.53	94	485473	33.555	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	387622	32.198	ng	90
12) 1,3-Dichlorobenzene	6.82	146	410920	30.742	ng	98
13) 1,4-Dichlorobenzene	6.89	146	415000	31.167	ng	99
14) 1,2-Dichlorobenzene	7.05	146	374910	30.230	ng	99
15) Benzyl Alcohol	7.02	79	358608	34.551	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	695686	30.420	ng	98
17) 2-Methylphenol	7.13	107	340219	31.954	ng	99
18) Hexachloroethane	7.39	117	152133	33.319	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	276077	31.017	ng	94
20) 3+4-Methylphenols	7.28	107	403829	30.756	ng	# 78
22) Acetophenone	7.29	105	538385	30.436	ng	# 91
24) Nitrobenzene	7.46	77	433895	35.383	ng	96
25) Isophorone	7.70	82	813481	33.903	ng	99
26) 2-Nitrophenol	7.77	139	225590	45.377	ng	98
27) 2,4-Dimethylphenol	7.81	122	362336	35.743	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	511698	35.999	ng	99
29) 2,4-Dichlorophenol	8.02	162	331003	35.919	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	322081	30.895	ng	98
31) Naphthalene	8.18	128	1123360	31.807	ng	100
32) Benzoic acid	7.86	122	10200m	9.915	ng	
33) 4-Chloroaniline	8.23	127	132176	8.687	ng	98
34) Hexachlorobutadiene	8.29	225	160503	30.045	ng	99
35) Caprolactam	8.60	113	14385	4.495	ng	# 80
36) 4-Chloro-3-methylphenol	8.70	107	374925	36.210	ng	98
37) 2-Methylnaphthalene	8.87	142	750624	32.462	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	287963	31.777	ng	98
40) Hexachlorocyclopentadiene	9.02	237	263933	61.267	ng	99
42) 2,4,6-Trichlorophenol	9.15	196	217962	36.619	ng	99

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Manual Integrations
 APPROVED

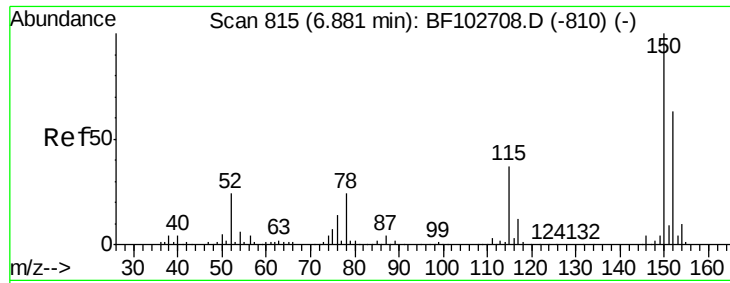
Sohil

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.19	196	232202	34.612	nq	97
45) 1,1'-Biphenyl	9.33	154	880879	31.424	nq	98
46) 2-Chloronaphthalene	9.36	162	698175	31.636	nq	99
47) 2-Nitroaniline	9.46	65	268392	40.033	nq	88
48) Acenaphthylene	9.78	152	1079141	31.483	nq	99
49) Dimethylphthalate	9.63	163	913425	35.199	nq	100
50) 2,6-Dinitrotoluene	9.70	165	188827	38.246	nq	93
51) Acenaphthene	9.95	154	630130	30.740	nq	99
52) 3-Nitroaniline	9.87	138	174897	28.790	nq	98
53) 2,4-Dinitrophenol	9.97	184	110241	71.714	nq	# 17
54) Dibenzofuran	10.12	168	958065	33.165	nq	97
55) 4-Nitrophenol	10.03	139	333730	67.511	nq	92
56) 2,4-Dinitrotoluene	10.10	165	258205	39.572	nq	97
57) Fluorene	10.46	166	726808	34.580	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	176744	38.012	nq	98
59) Diethylphthalate	10.33	149	871107	33.996	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	322779	34.715	nq	96
61) 4-Nitroaniline	10.49	138	191624	33.139	nq	93
62) Azobenzene	10.62	77	860799	33.627	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	100224	42.089	nq	93
65) n-Nitrosodiphenylamine	10.57	169	659529	31.078	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	204685	32.161	nq	94
67) Hexachlorobenzene	11.02	284	215923	30.754	nq	91
68) Atrazine	11.10	200	192210	30.701	nq	97
69) Pentachlorophenol	11.21	266	207192	50.271	nq	100
70) Phenanthrene	11.43	178	1053697	31.446	nq	100
71) Anthracene	11.48	178	1104387	32.405	nq	99
72) Carbazole	11.63	167	1031681	30.899	nq	99
73) Di-n-butylphthalate	11.96	149	1374093	33.880	nq	99
74) Fluoranthene	12.62	202	1079055	32.007	nq	98
77) Pyrene	12.85	202	1102915	35.184	nq	100
79) Butylbenzylphthalate	13.46	149	574459	38.518	nq	98
80) Benzo(a)anthracene	14.03	228	857629	34.113	nq	100
81) 3,3'-Dichlorobenzidine	13.99	252	138789	14.889	nq	99
82) Chrysene	14.07	228	808926	31.918	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	802226	41.776	nq	99
84) Di-n-octyl phthalate	14.62	149	1189342	41.248	nq	99
85) Indeno(1,2,3-cd)pyrene	17.02	276	738004	35.111	nq	98
87) Benzo(b)fluoranthene	15.09	252	682382	31.999	nq	96
88) Benzo(k)fluoranthene	15.12	252	680191	33.382	nq	98
89) Benzo(a)pyrene	15.46	252	649245	33.824	nq	97
90) Dibenzo(a,h)anthracene	17.04	278	612548	39.316	nq	99
91) Benzo(g,h,i)perylene	17.48	276	640562	42.005	nq	98

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



#1

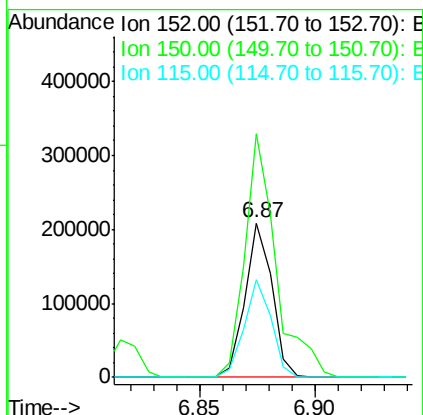
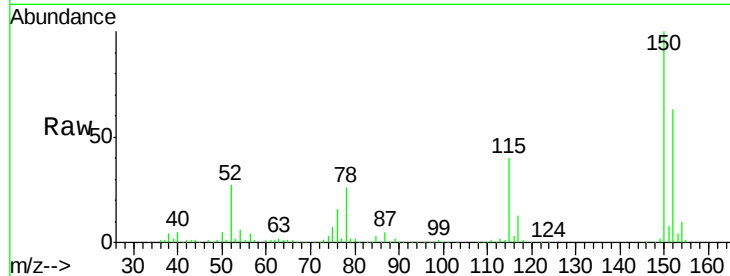
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :
PB106515BS

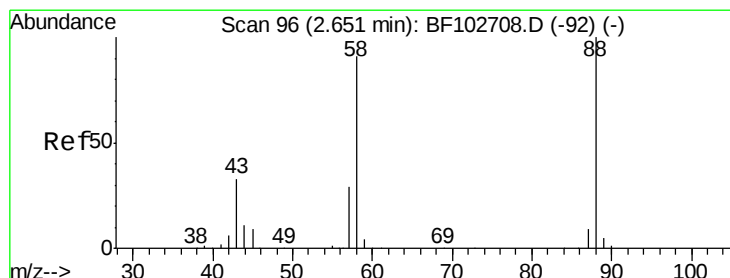
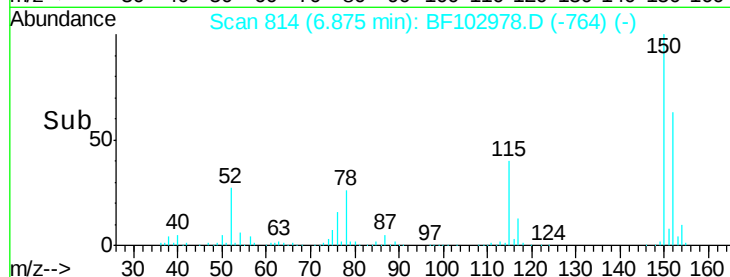
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	63.1	50.1	75.1

Manual Integrations
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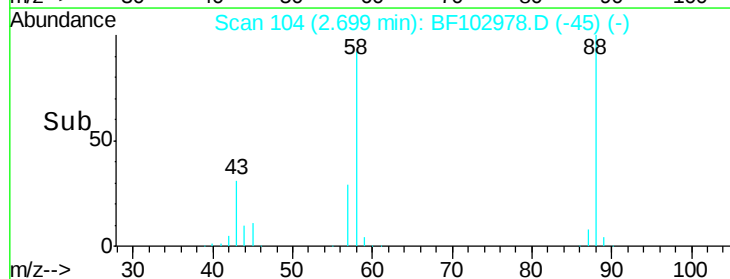
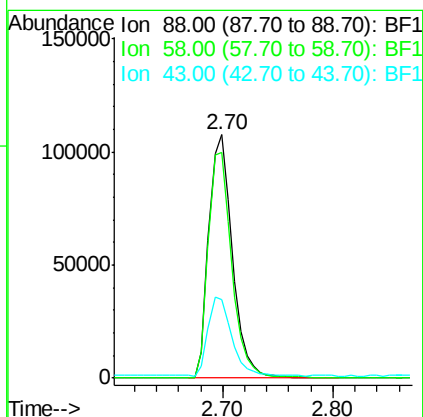
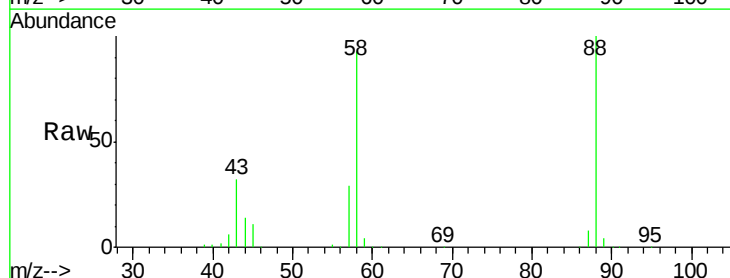
2/15/2018 11:06:10 AM

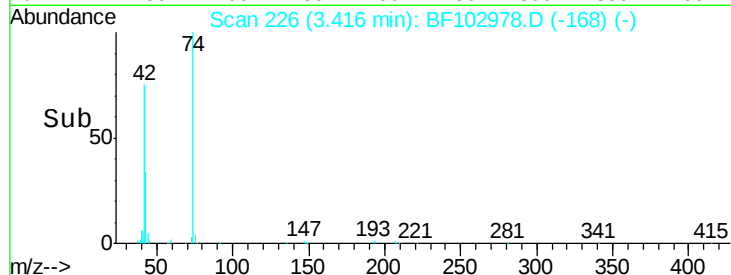
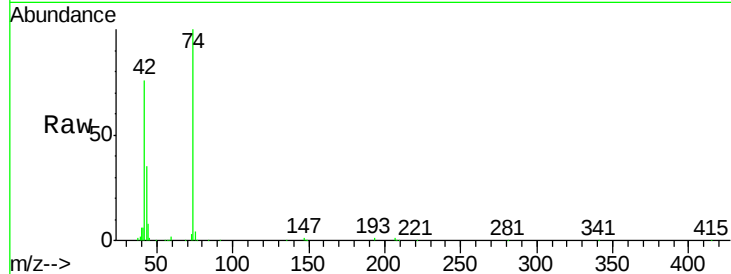
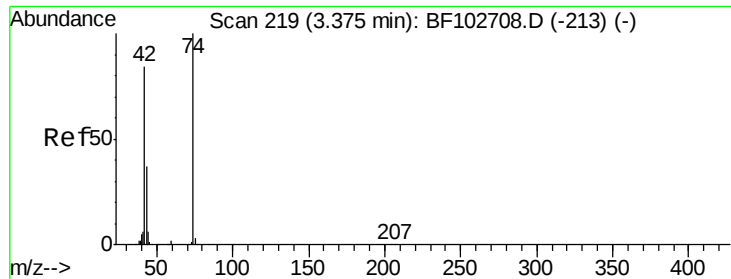


#2

1,4-Dioxane
Concen: 28.344 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.05 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.7	62.6	93.8
43	31.7	24.6	37.0





#4

n-Nitrosodimethylamine
Concen: 33.797 ng
RT: 3.42 min Scan# 226
Delta R.T. 0.04 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

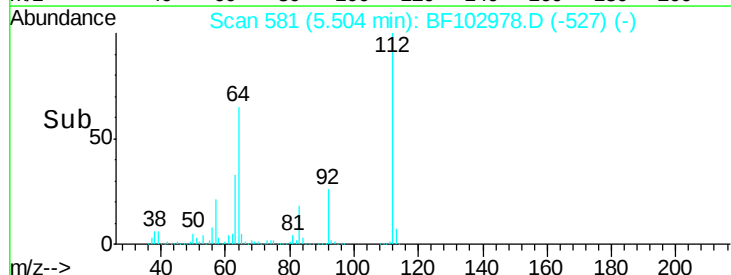
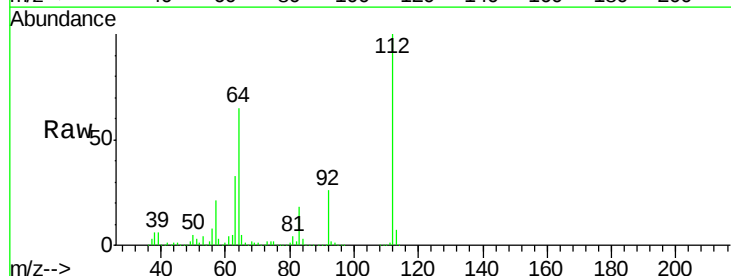
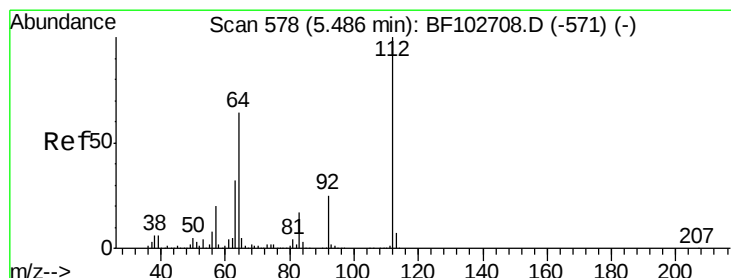
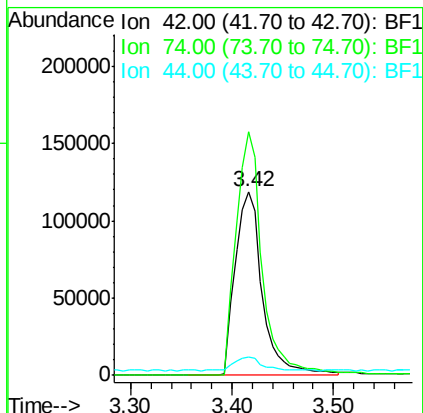
Tot Ion	Ratio	Lower	Upper
42	100		
74	132.3	104.9	157.3
44	10.0	6.9	10.3

Instrument :
BNA_F
ClientSampleId :
PB106515BS

Manual Integrations
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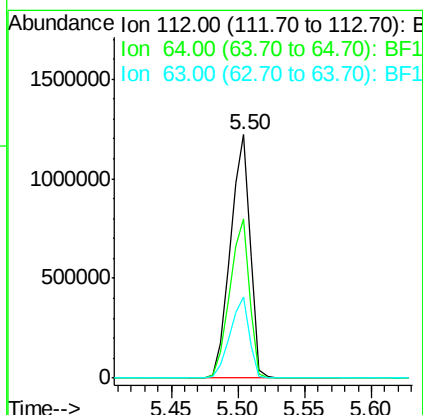
2/15/2018 11:06:10 AM

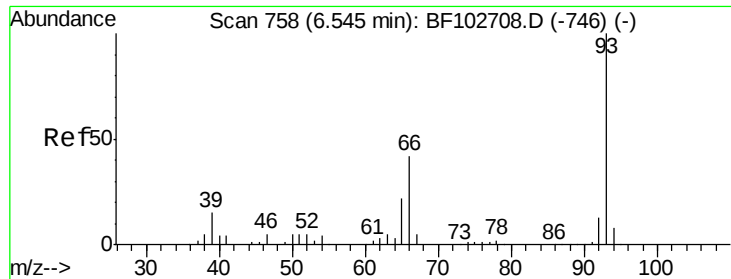


#5

2-Fluorophenol
Concen: 114.164 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	33.3	23.7	35.5





#6

Aniline

Concen: 2.535 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

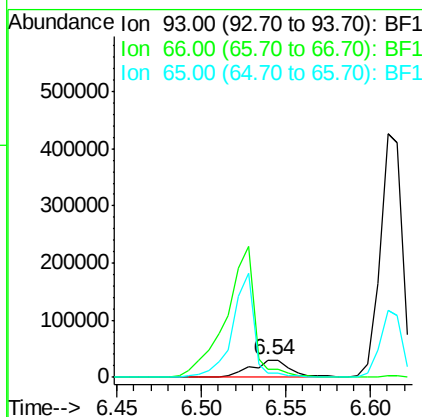
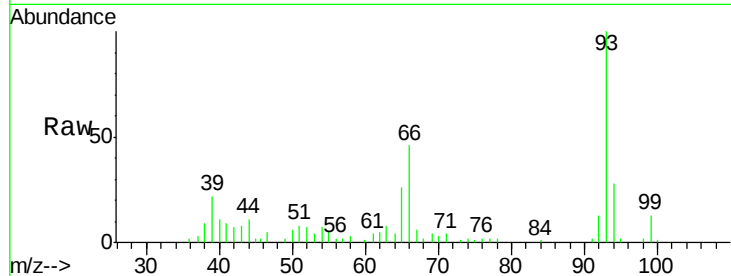
ClientSampled :

PB106515BS

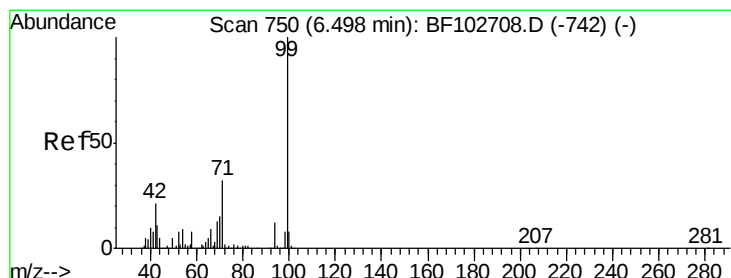
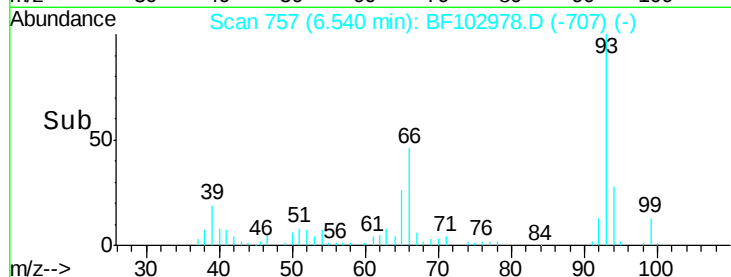
Tot Ion:	93	Resp:	50531
Ion Ratio	Lower	Upper	
93	100		
66	46.1	32.2	48.2
65	26.1	16.4	24.6

Manual Integrations
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#7

Phenol-d6

Concen: 117.088 ng

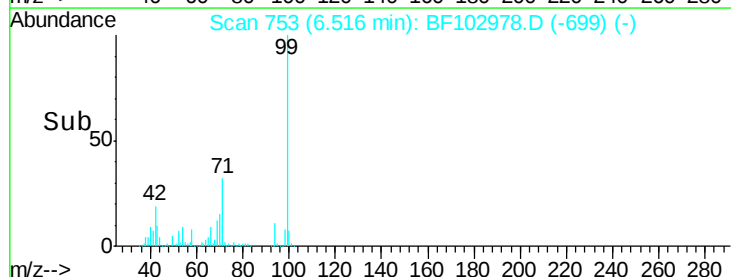
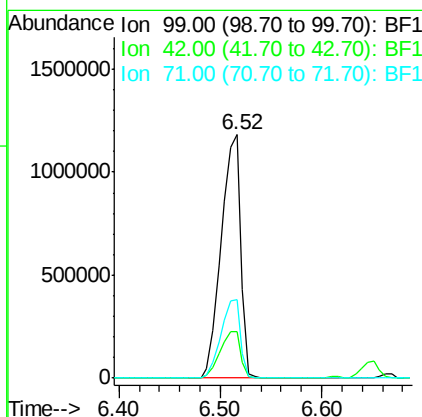
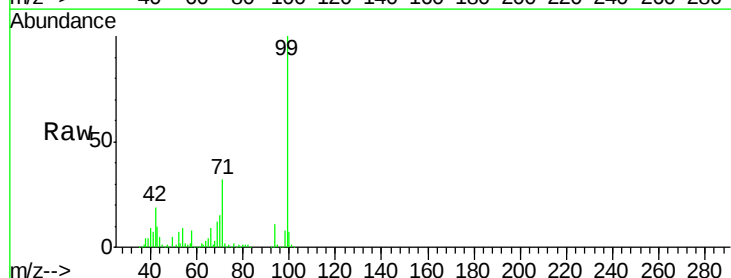
RT: 6.52 min Scan# 753

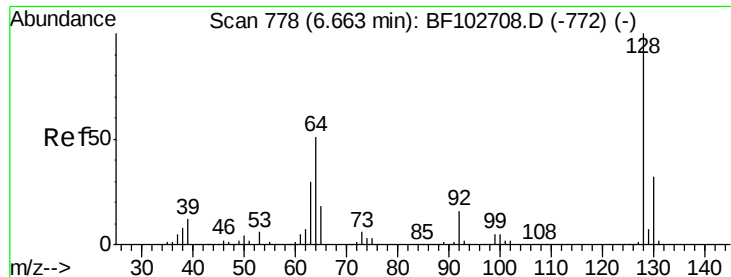
Delta R.T. 0.02 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Tgt Ion:	99	Resp:	1580695
Ion Ratio	Lower	Upper	
99	100		
42	19.1	14.5	21.7
71	32.4	25.4	38.0





#8

2-Chlorophenol

Concen: 33.704 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

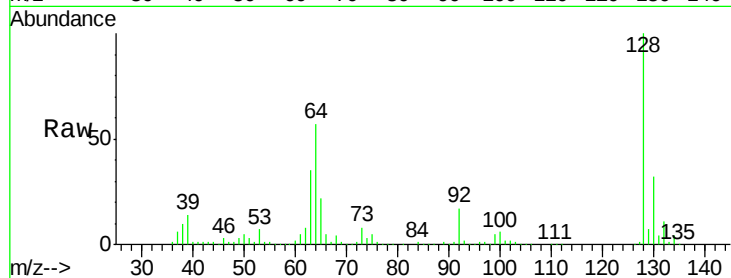
ClientSampleId :

PB106515BS

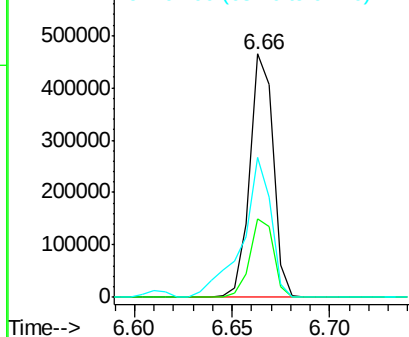
Tot Ion:	128	Resp:	389041
Ion Ratio	Lower	Upper	
128	100		
130	32.0	13.0	53.0
64	57.4	29.4	69.4

Manual Integrations
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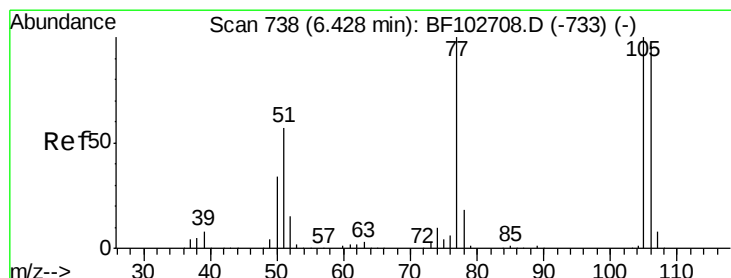
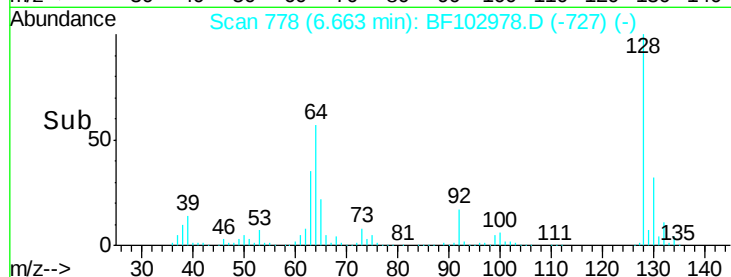
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1



2/15/2018 11:06:10 AM



#9

Benzaldehyde

Concen: 10.670 ng

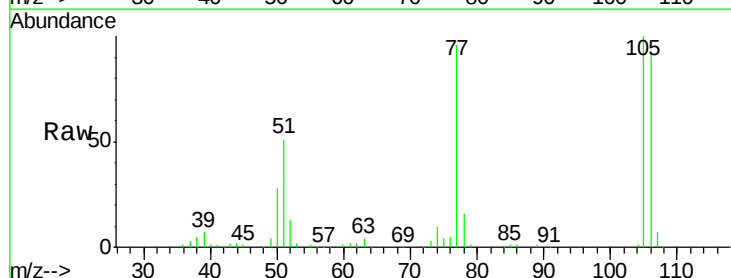
RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

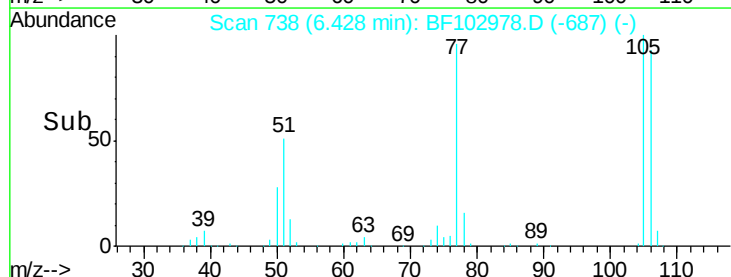
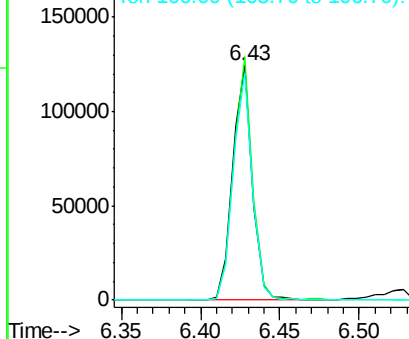
Lab File: BF102978.D

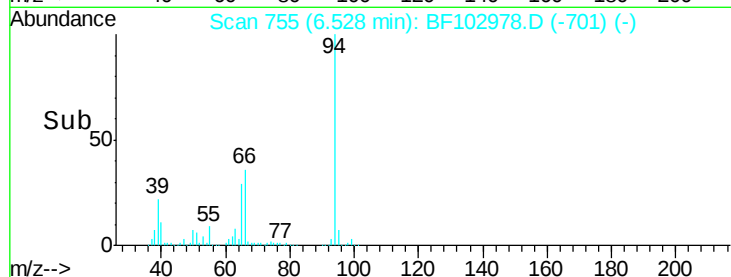
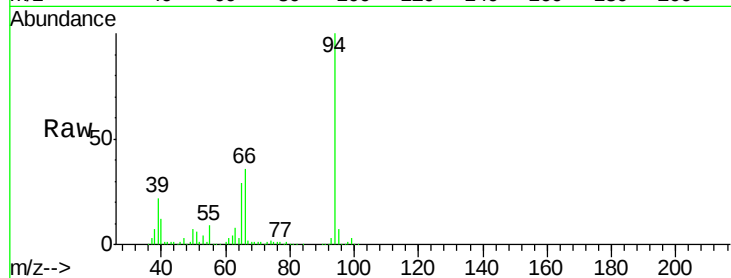
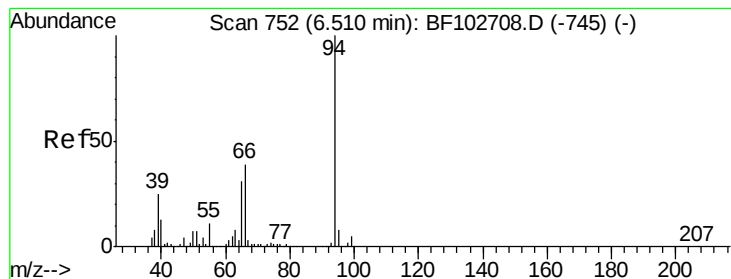
Acq: 14 Feb 2018 10:12

Tgt Ion:	77	Resp:	106968
Ion Ratio	Lower	Upper	
77	100		
105	103.8	81.1	121.1
106	96.9	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: 33.555 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.8	7.9	47.9		
66	36.4	16.2	56.2		

Instrument :

BNA_F

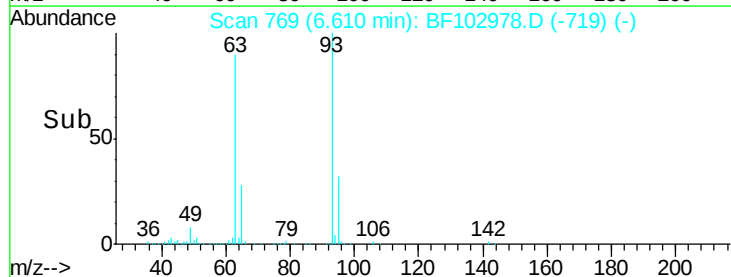
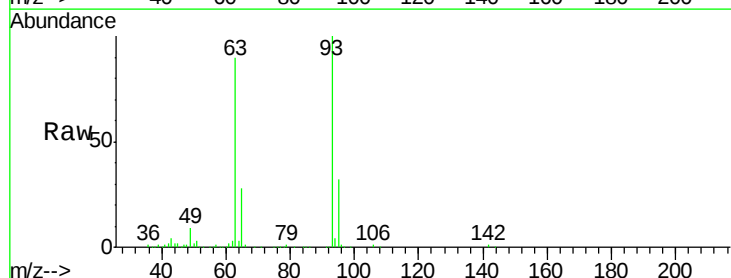
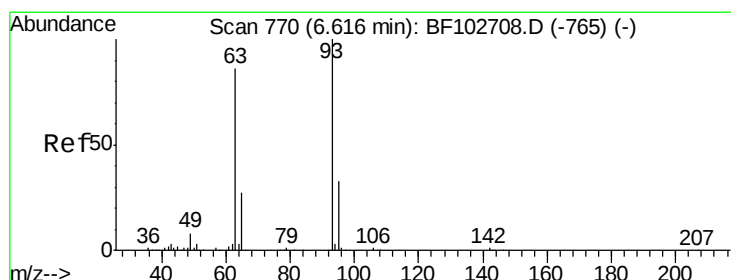
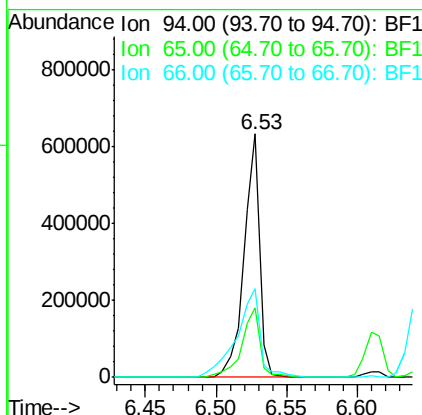
ClientSampleId :

PB106515BS

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#11

bis(2-Chloroethyl)ether

Concen: 32.198 ng

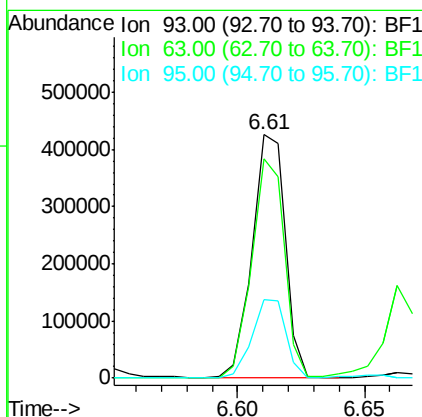
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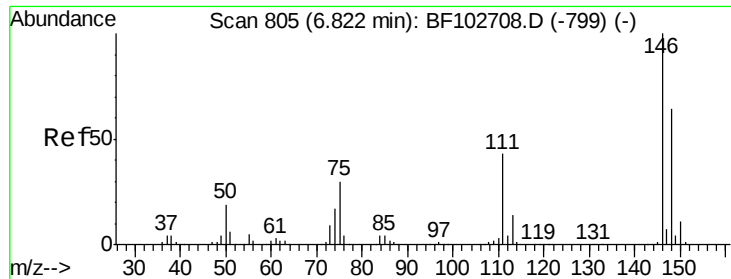
Delta R.T. -0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
63	90.1	58.6	98.6		
95	32.3	11.8	51.8		





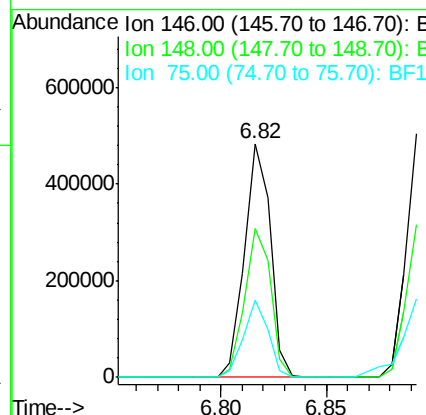
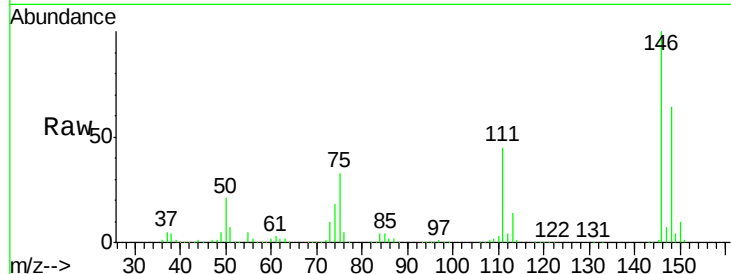
#12
 1,3-Dichlorobenzene
 Concen: 30.742 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BS

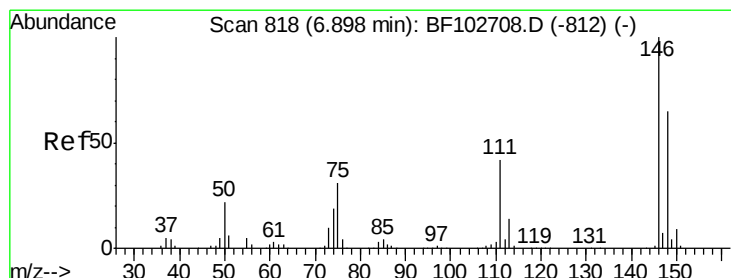
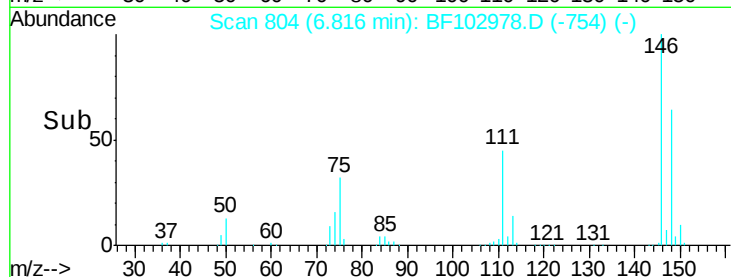
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
75	32.8	24.2	36.4

Manual Integrations
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Sohil

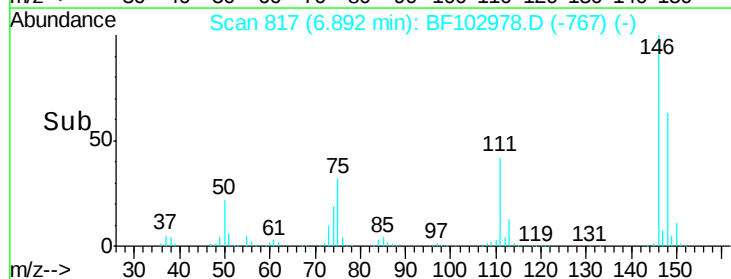
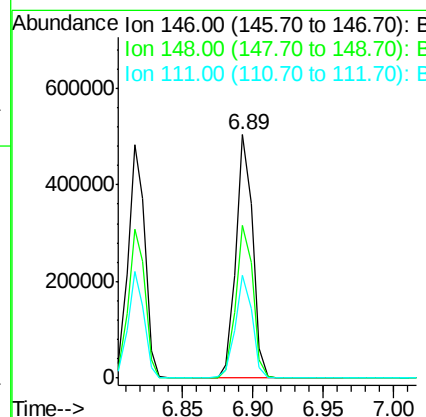
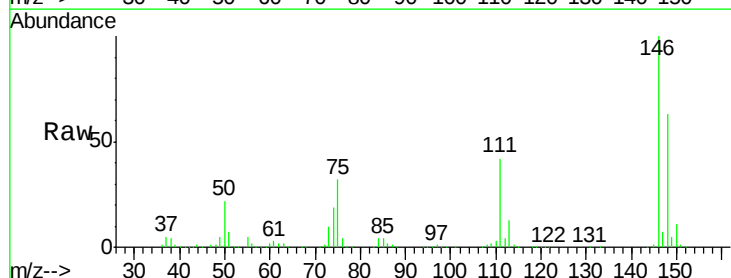


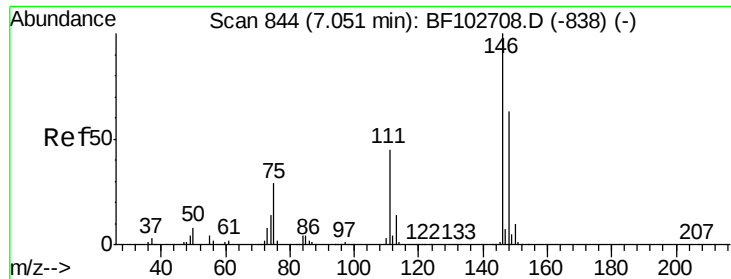
2/15/2018 11:06:10 AM



#13
 1,4-Dichlorobenzene
 Concen: 31.167 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.8	76.2
111	42.3	34.2	51.2





#14

1,2-Dichlorobenzene

Concen: 30.230 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

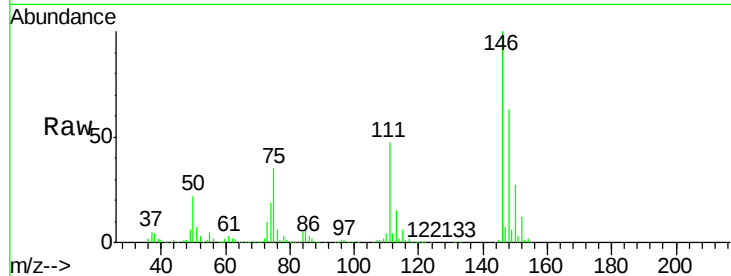
ClientSampleId :

PB106515BS

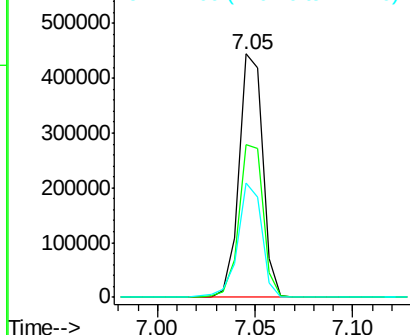
Tot Ion:	146	Resp:	374910
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.6	75.8
111	46.7	36.0	54.0

Manual Integrations
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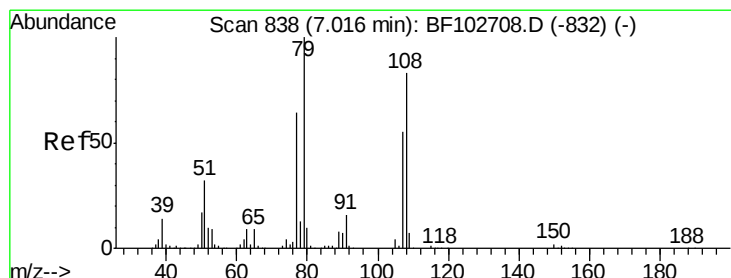
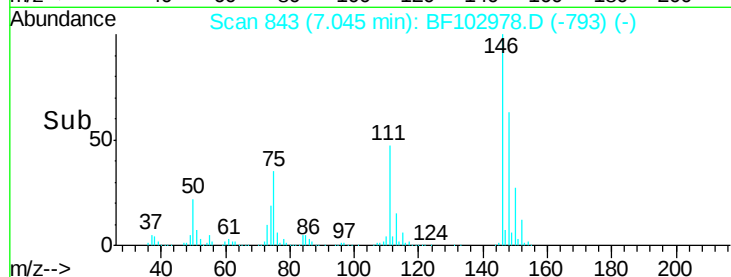
Sohil



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



2/15/2018 11:06:10 AM



#15

Benzyl Alcohol

Concen: 34.551 ng

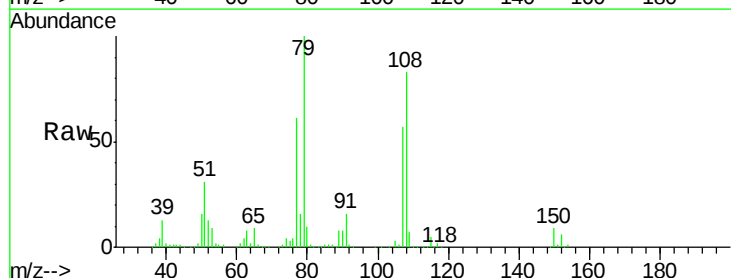
RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

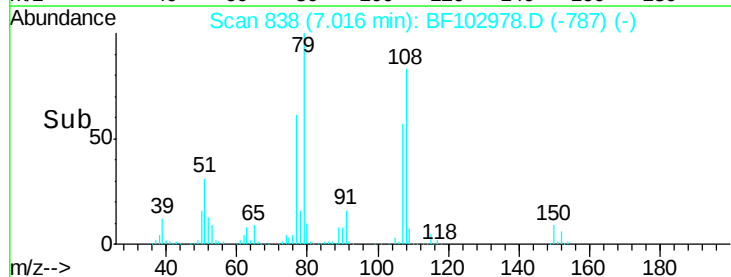
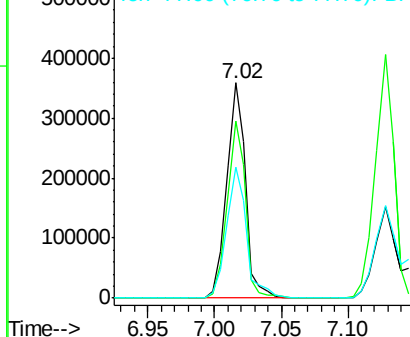
Lab File: BF102978.D

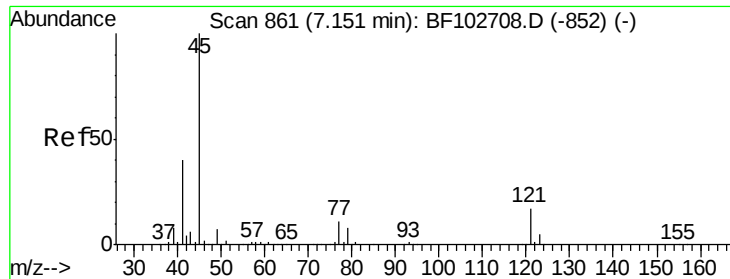
Acq: 14 Feb 2018 10:12

Tgt Ion:	79	Resp:	358608
Ion Ratio	Lower	Upper	
79	100		
108	82.6	65.1	97.7
77	61.1	50.6	75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1





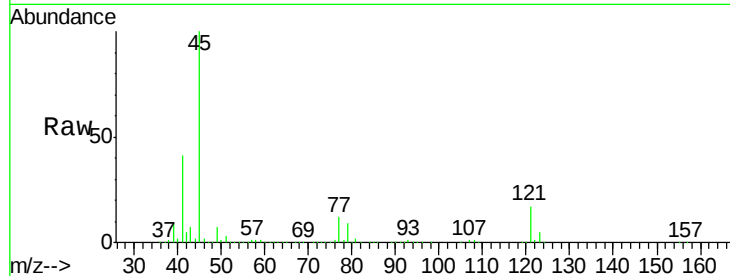
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 30.420 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :
PB106515BS

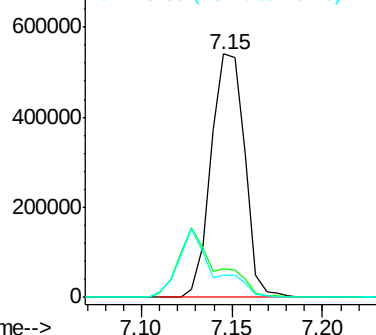
Tot Ion:	45	Resp:	695686
Ion Ratio		Lower	Upper
45	100		
77	11.8	0.0	32.9
79	9.2	0.0	29.6

Manual Integrations
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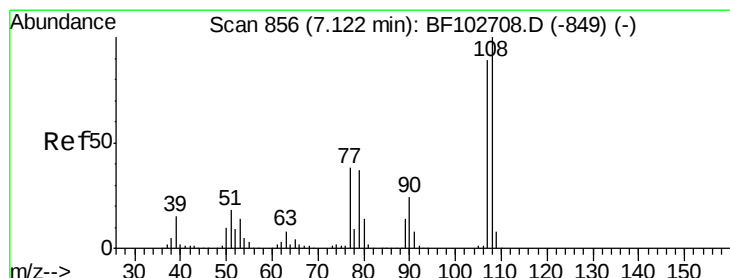
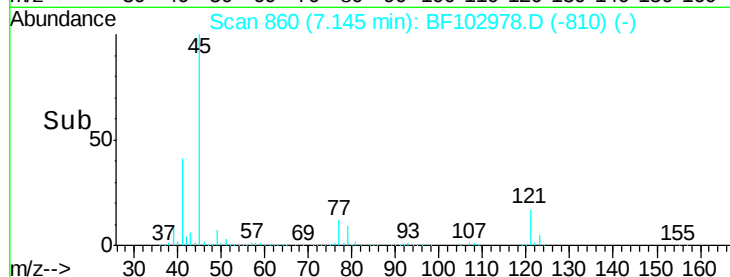
Sohil



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

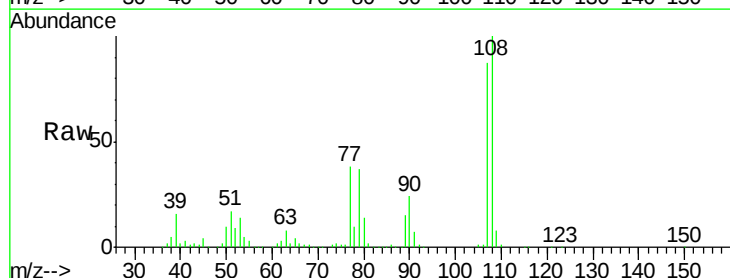


2/15/2018 11:06:10 AM

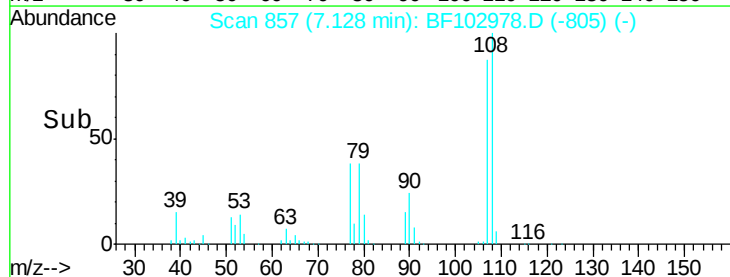
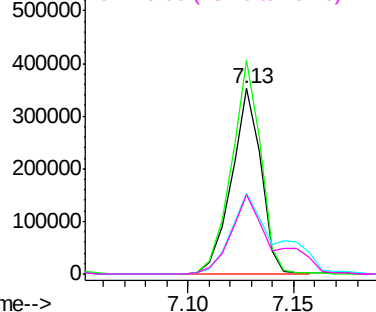


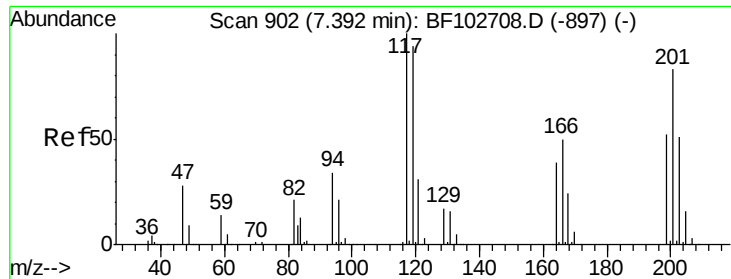
#17
2-Methylphenol
Concen: 31.954 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion:	107	Resp:	340219
Ion Ratio		Lower	Upper
107	100		
108	115.4	91.7	137.5
77	43.8	33.8	50.8
79	43.1	33.8	50.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





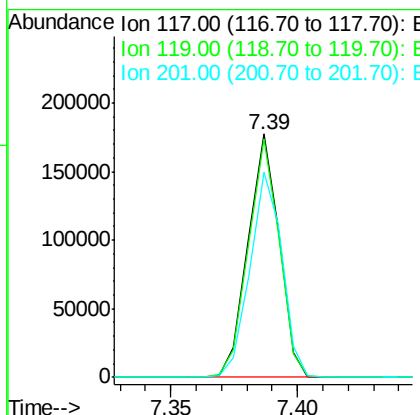
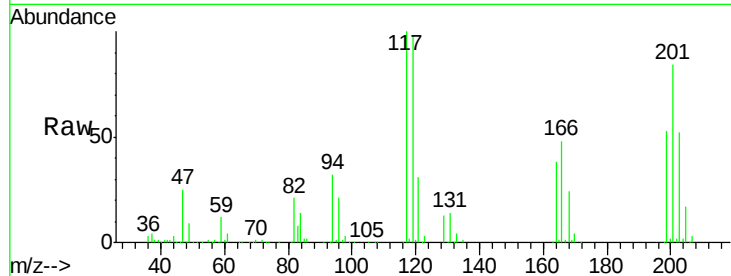
#18
Hexachloroethane
Concen: 33.319 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :
PB106515BS

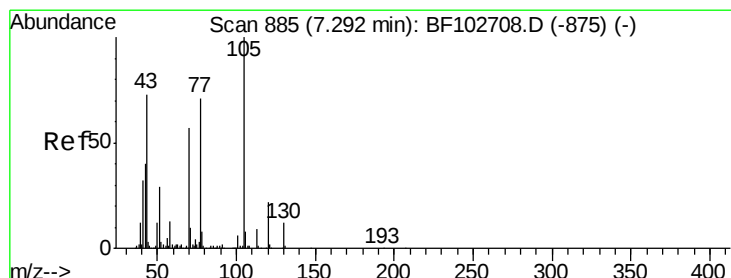
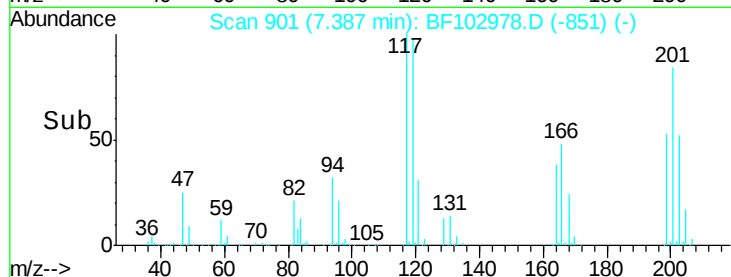
Tot Ion	Ratio	Resp	Lower	Upper
117	100	152133		
119	98.0	75.8	113.8	
201	84.5	75.7	113.5	

Manual Integrations
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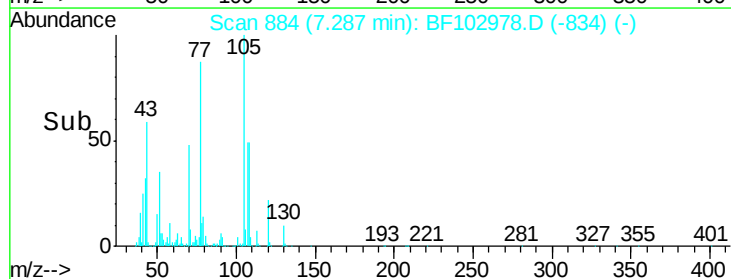
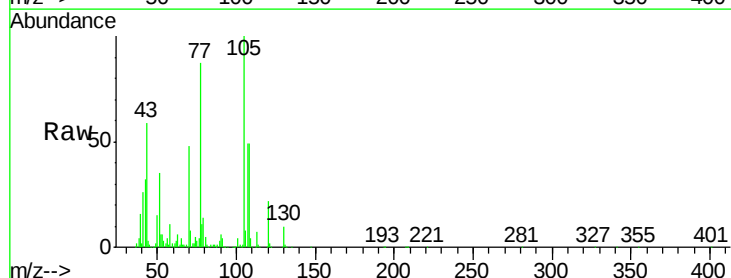
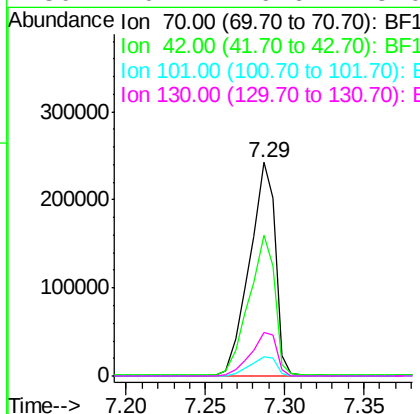


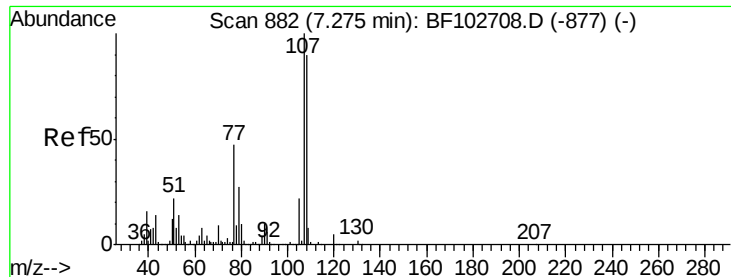
2/15/2018 11:06:10 AM



#19
n-Nitroso-di-n-propylamine
Concen: 31.017 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	276077		
42	66.2	47.5	71.3	
101	9.1	7.4	11.2	
130	20.4	16.6	25.0	





#20

3+4-Methylphenols

Concen: 30.756 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

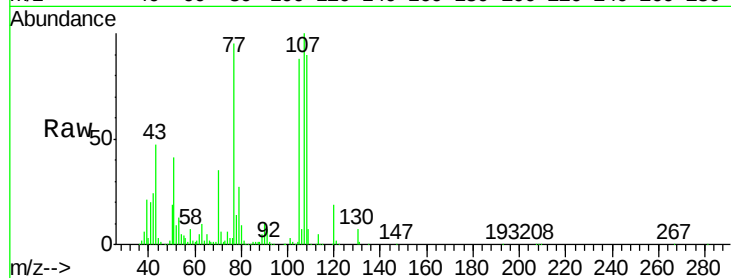
ClientSampleId :

PB106515BS

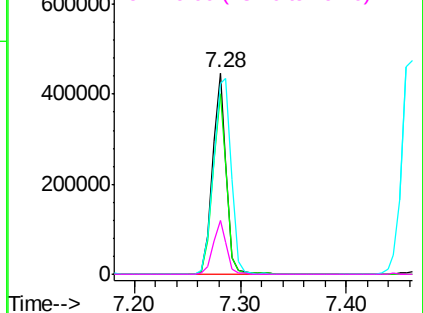
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	403829		
108	108	89.8		68.2	108.2
77	77	94.7		26.7	66.7#
79	79	26.8		6.3	46.3

Manual Integrations
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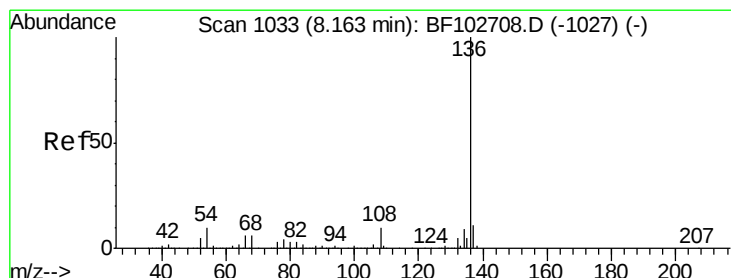
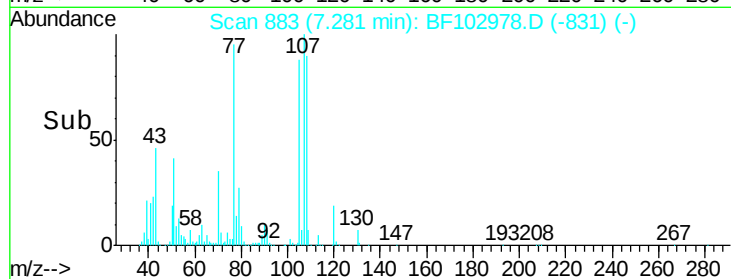
Sohil



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



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#21

Naphthalene-d8

Concen: 20.000 ng

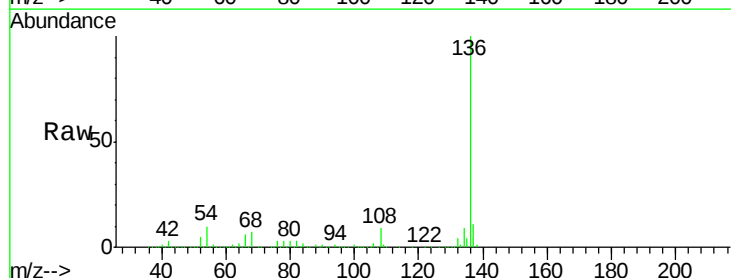
RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

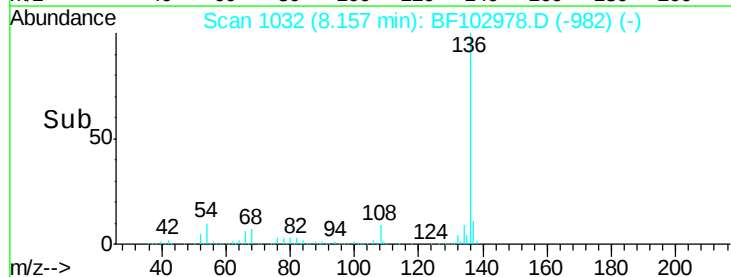
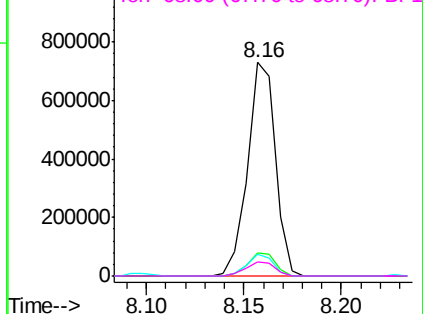
Lab File: BF102978.D

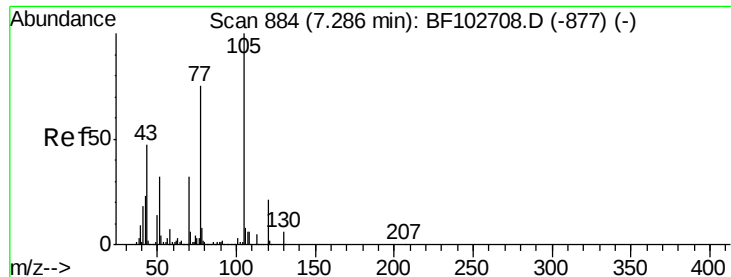
Acq: 14 Feb 2018 10:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	722864		
137	137	10.8		8.9	13.3
54	54	10.2		6.6	9.8#
68	68	6.9		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





#22

Acetophenone

Concen: 30.436 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

ClientSampleId :

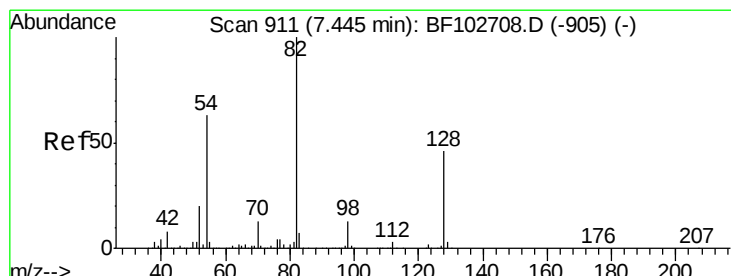
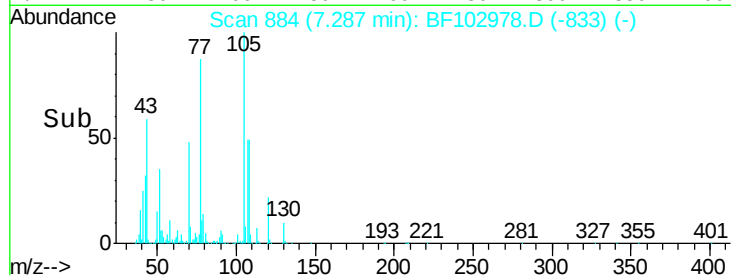
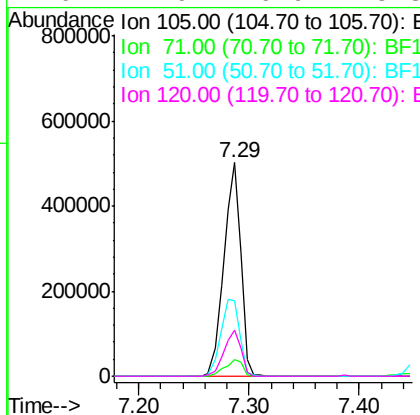
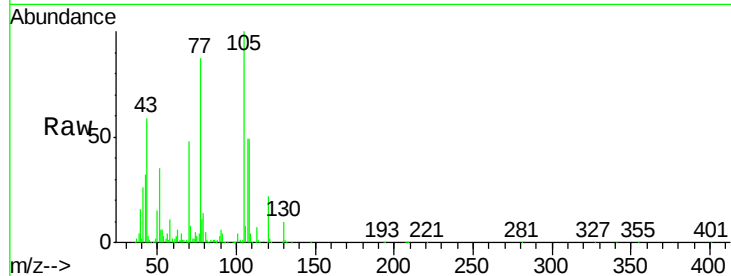
PB106515BS

Tot Ion	Ratio	Resp Lower	Upper
105	100		
71	7.9	4.4	6.6#
51	35.4	22.3	33.5#
120	21.9	16.9	25.3

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#23

Nitrobenzene-d5

Concen: 98.371 ng

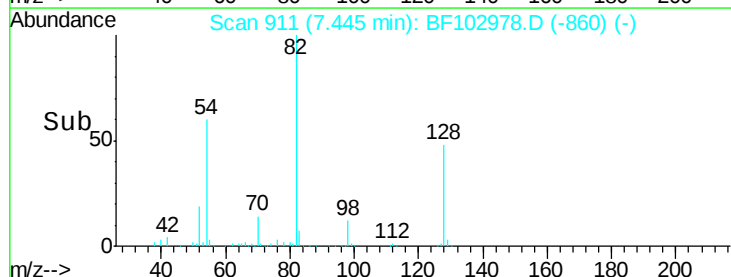
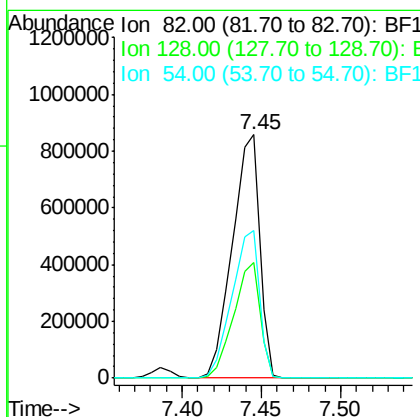
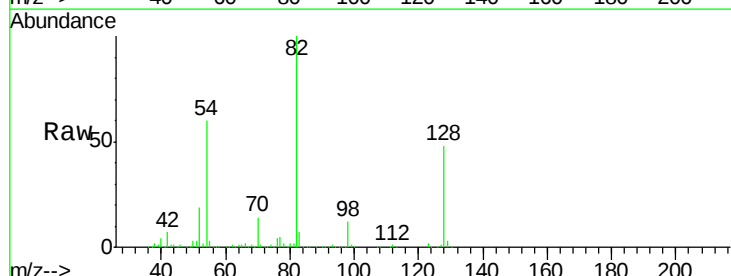
RT: 7.45 min Scan# 911

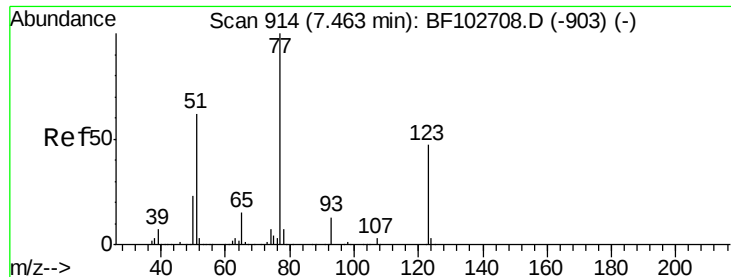
Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	47.7	36.1	54.1
54	60.4	41.4	62.2





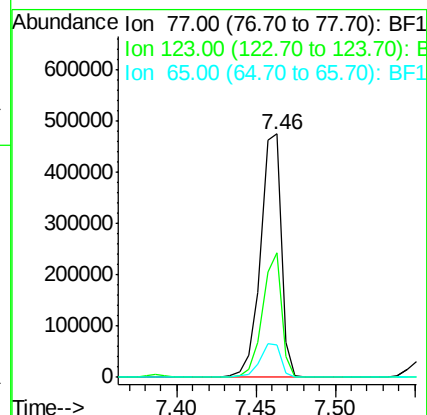
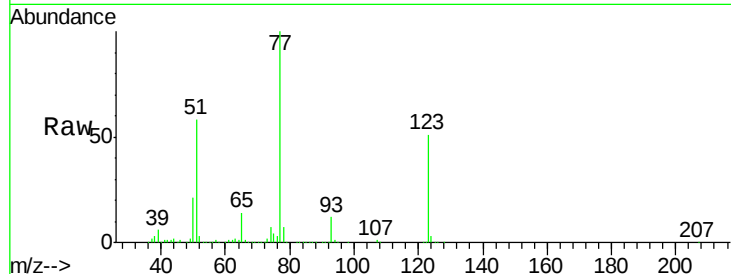
#24
Nitrobenzene
Concen: 35.383 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :
PB106515BS

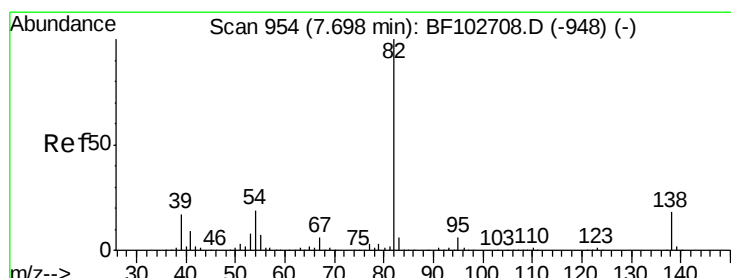
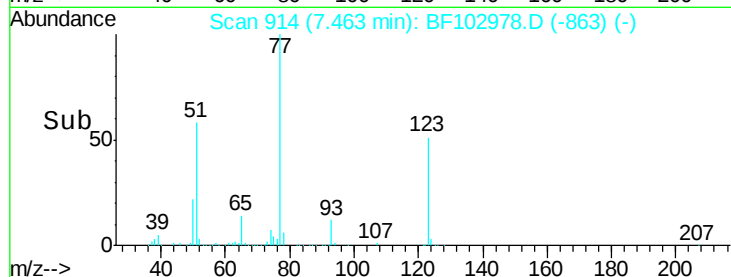
Tot Ion	Ratio	Lower	Upper
77	100		
123	50.9	37.9	56.9
65	13.5	11.0	16.4

Manual Integrations
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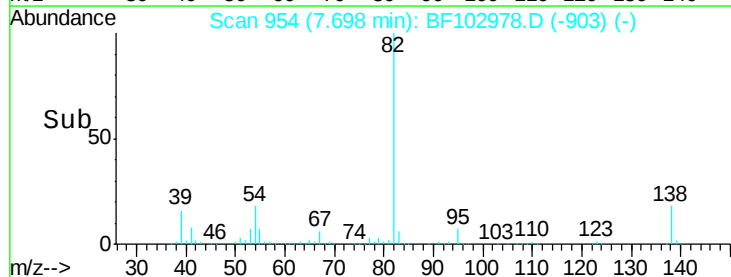
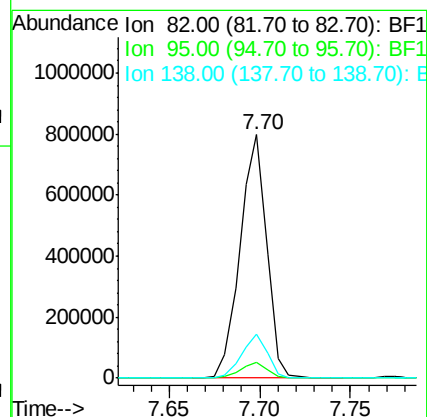
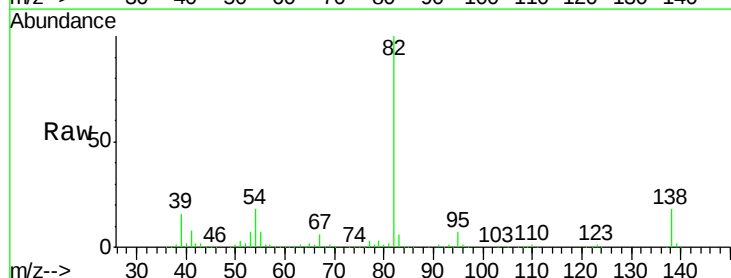


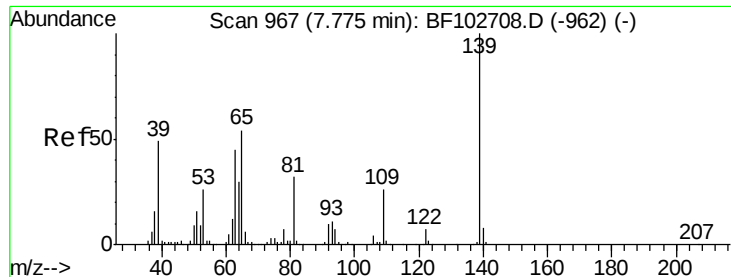
2/15/2018 11:06:10 AM



#25
Isophorone
Concen: 33.903 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.2	7.8
138	18.2	14.9	22.3





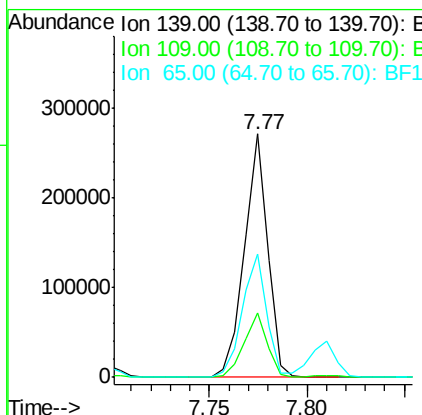
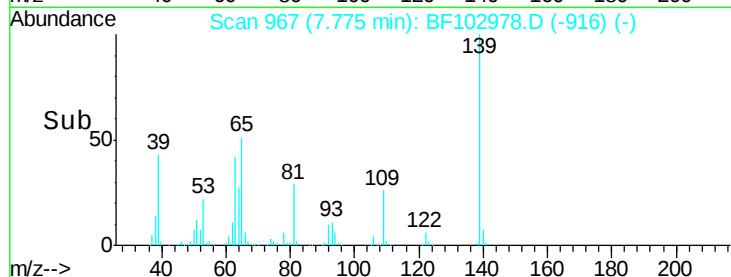
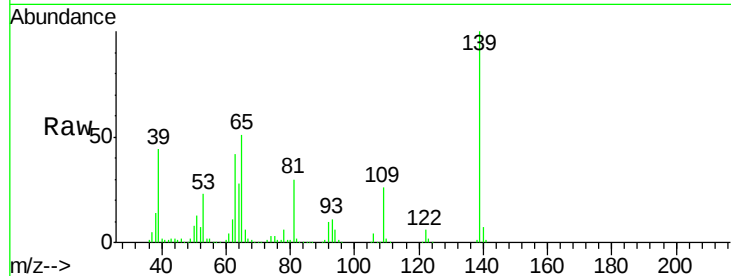
#26
2-Nitrophenol
Concen: 45.377 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :
PB106515BS

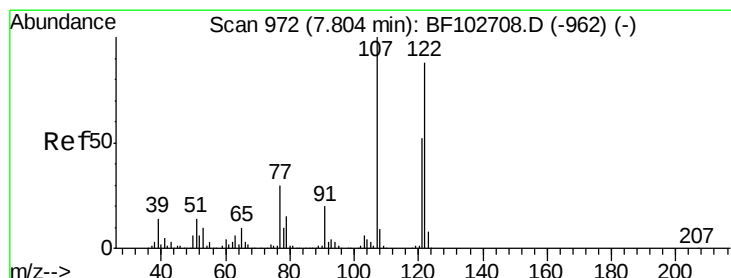
Tot Ion	Ion	Ratio	Resp	Lower	Upper
139	100		225590		
109	26.4		22.7	34.1	
65	50.8		40.5	60.7	

Manual Integrations
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Sohil

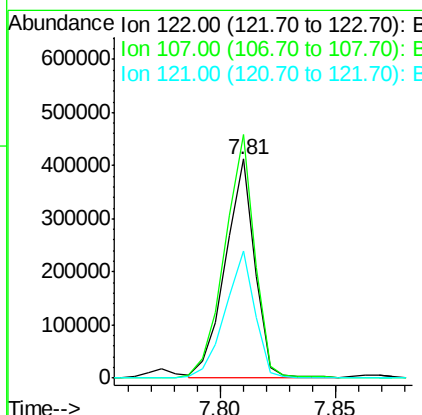
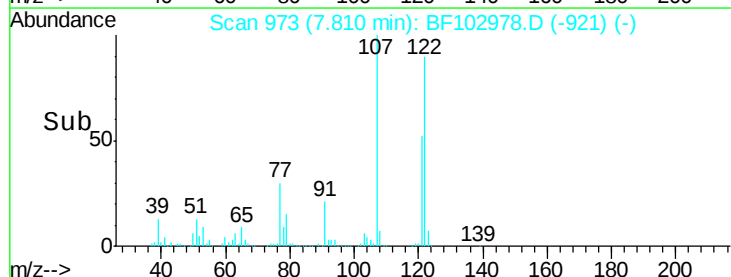
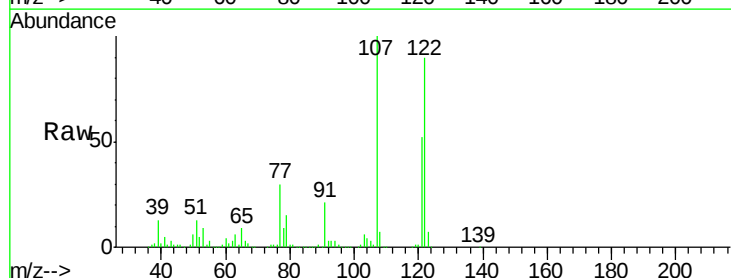


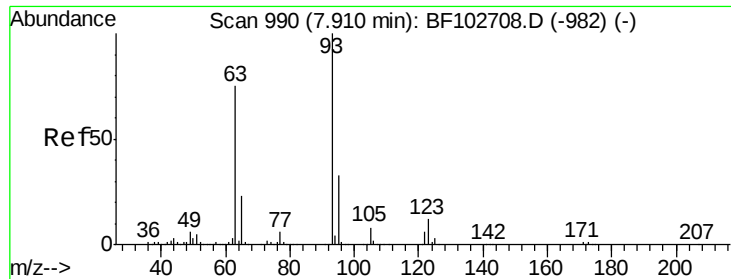
2/15/2018 11:06:10 AM



#27
2,4-Dimethylphenol
Concen: 35.743 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
122	100		362336		
107	111.1		91.2	136.8	
121	57.8		47.2	70.8	





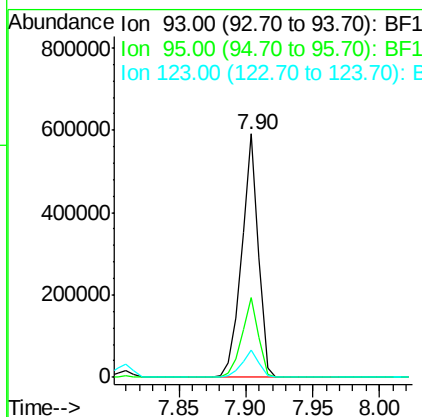
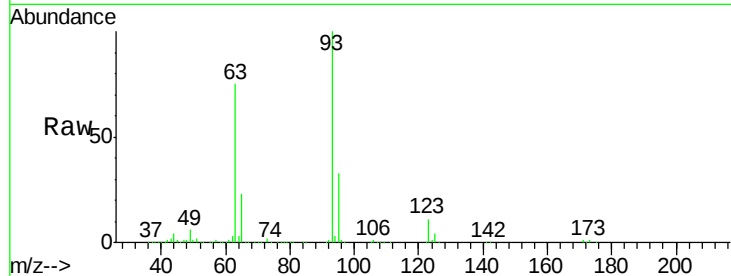
#28
bis(2-Chloroethoxy)methane
Concen: 35.999 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :
PB106515BS

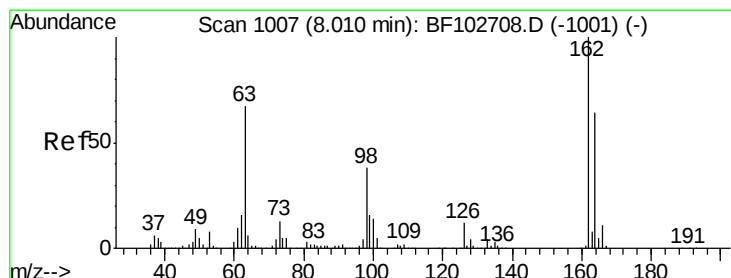
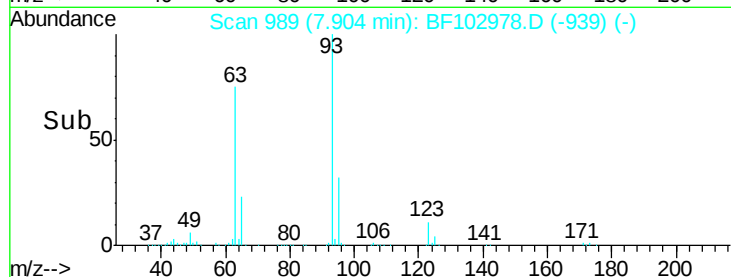
Tot Ion:	93	Resp:	511698
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.3	39.5
123	11.1	9.8	14.6

Manual Integrations
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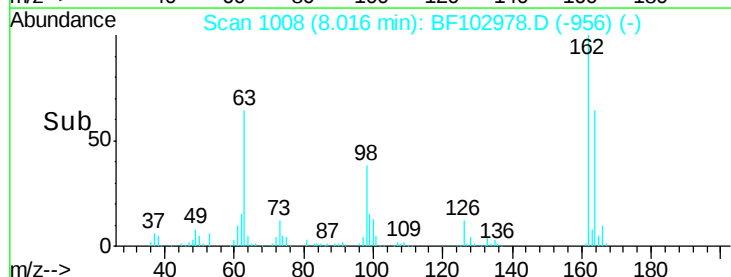
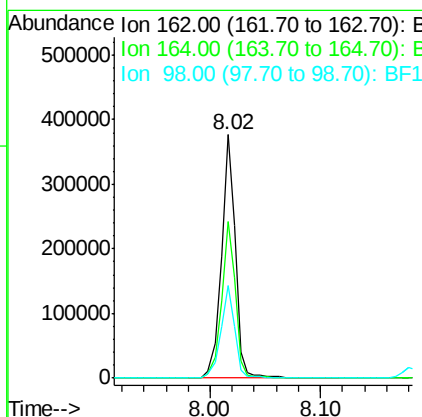
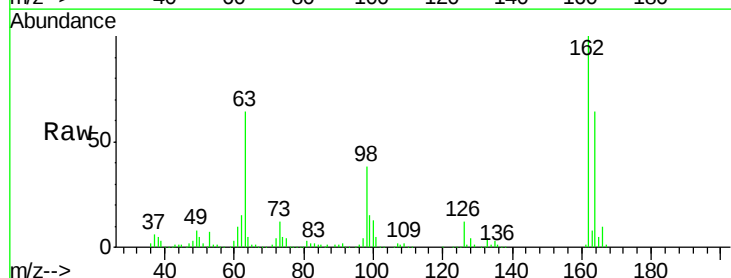


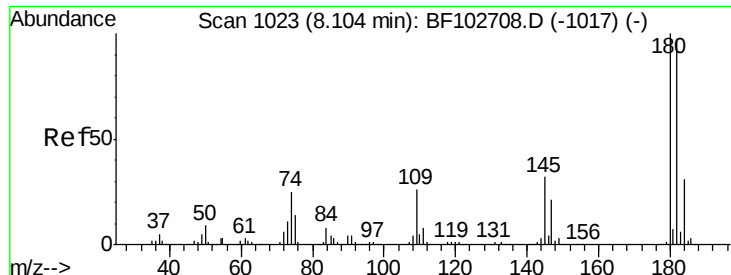
2/15/2018 11:06:10 AM



#29
2,4-Dichlorophenol
Concen: 35.919 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion:	162	Resp:	331003
Ion Ratio	Lower	Upper	
162	100		
164	64.1	42.7	82.7
98	38.0	18.1	58.1





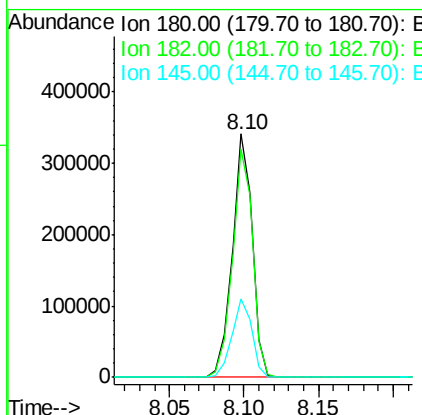
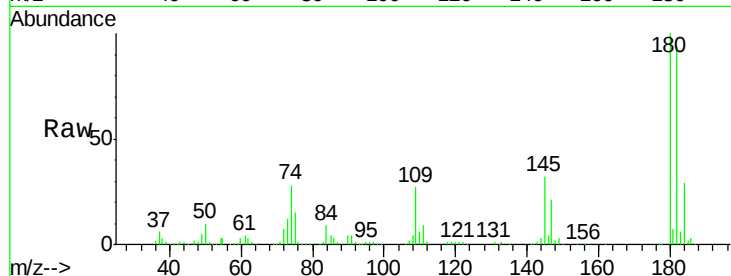
#30
 1,2,4-Trichlorobenzene
 Concen: 30.895 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BS

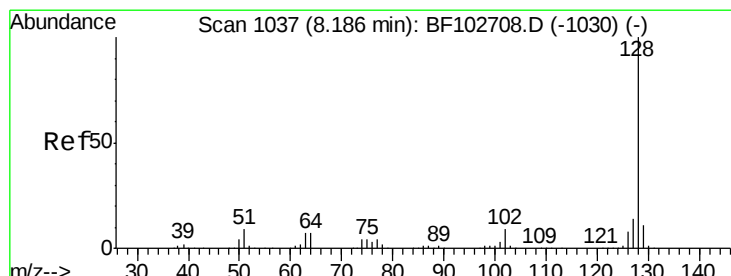
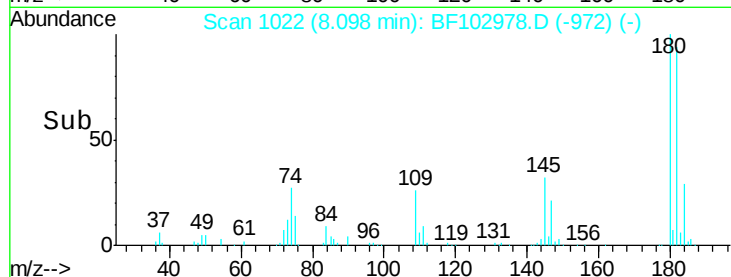
Tot Ion:	180	Resp:	322081
Ion Ratio	Lower	Upper	
180	100		
182	93.5	76.8	115.2
145	32.3	26.5	39.7

Manual Integrations
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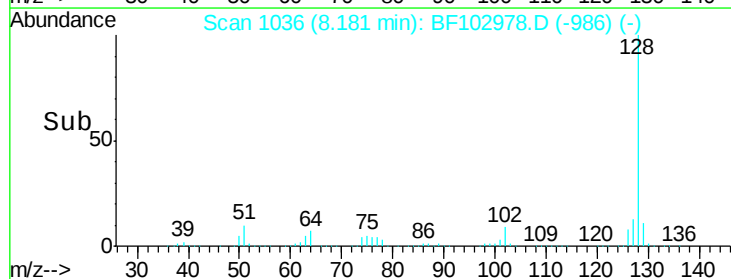
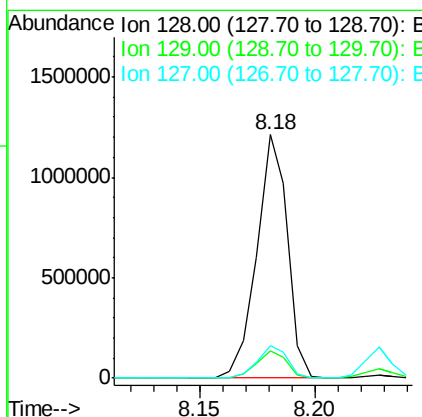
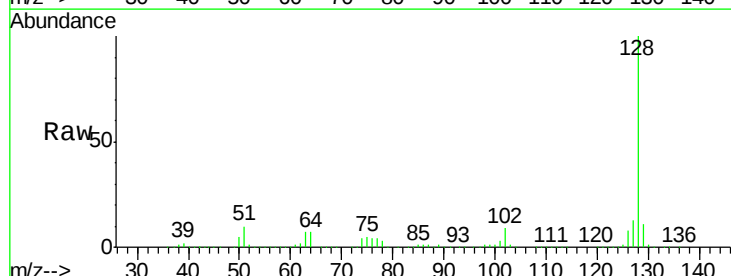


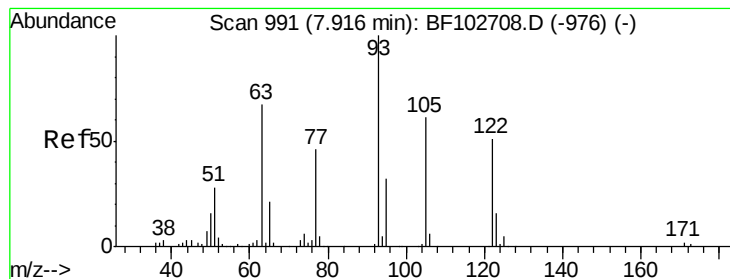
2/15/2018 11:06:10 AM



#31
 Naphthalene
 Concen: 31.807 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Tgt Ion:	128	Resp:	1123360
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.8	13.2
127	13.5	10.9	16.3





#32

Benzoic acid

Concen: 9.915 ng/mL

RT: 7.86 min Scan# 982

Delta R.T. -0.05 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

ClientSampleID :

PB106515BS

Tot Ion:122 Resp: 10200

Ion Ratio Lower Upper

122 100

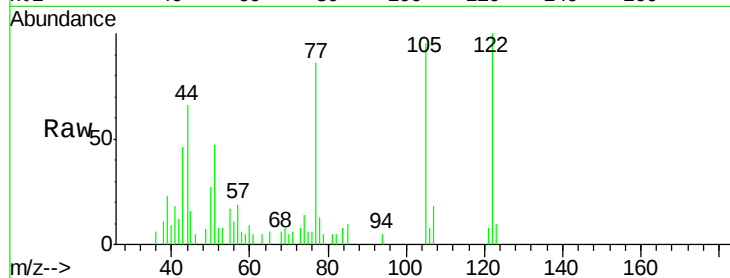
105 95.4 101.1 141.1#

77 85.7 70.7 110.7

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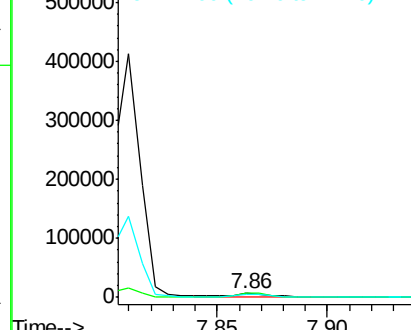


Abundance

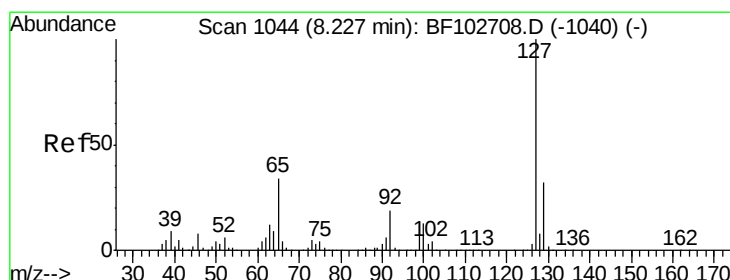
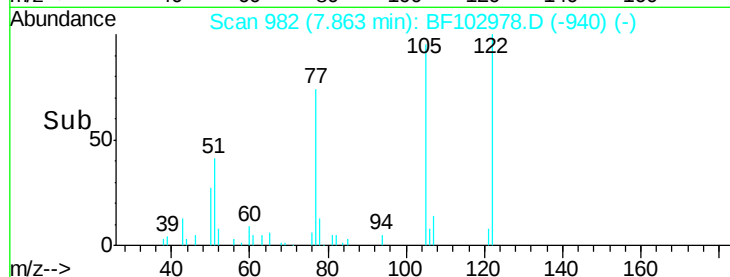
Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



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#33

4-Chloroaniline

Concen: 8.687 ng/mL

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Tgt Ion:127 Resp: 132176

Ion Ratio Lower Upper

127 100

129 30.8 25.9 38.9

65 32.8 25.0 37.4

92 19.1 15.2 22.8

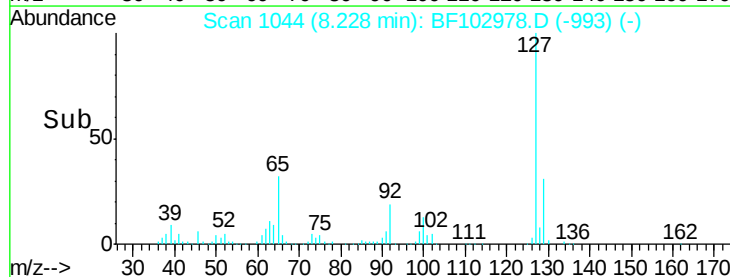
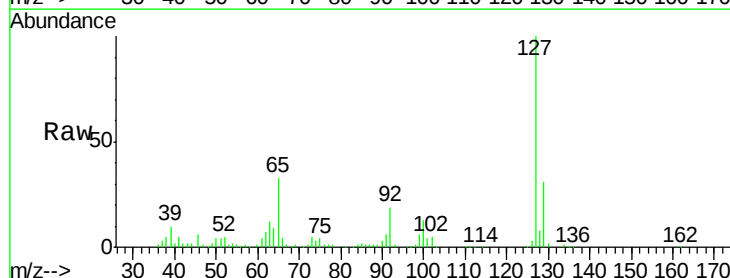
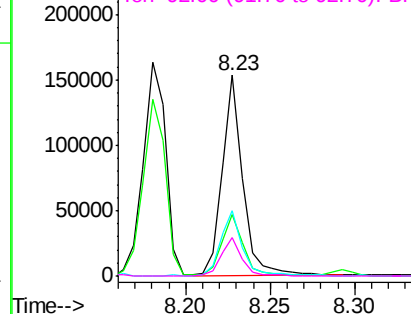
Abundance

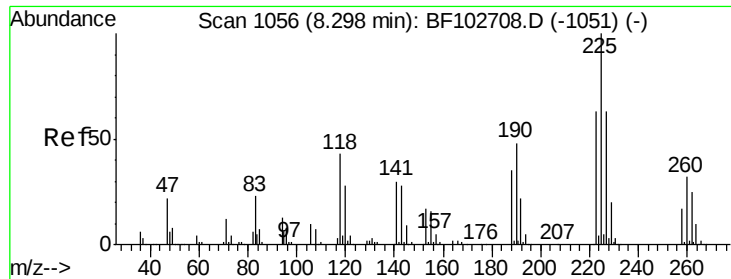
Ion 127.00 (126.70 to 127.70): E

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





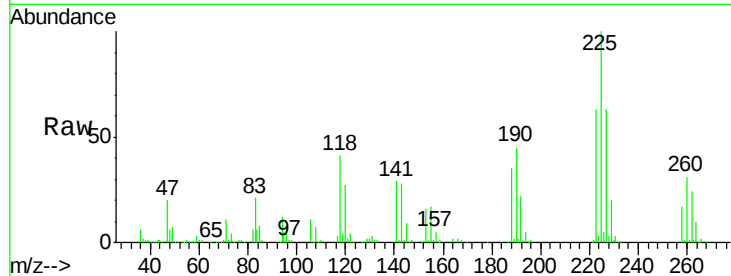
#34
Hexachlorobutadiene
Concen: 30.045 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampled :
PB106515BS

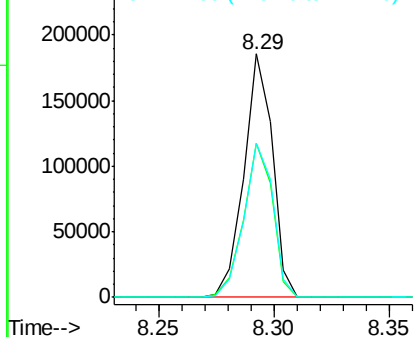
Tot Ion	Ratio	Resp Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.3	51.9	77.9

Manual Integrations
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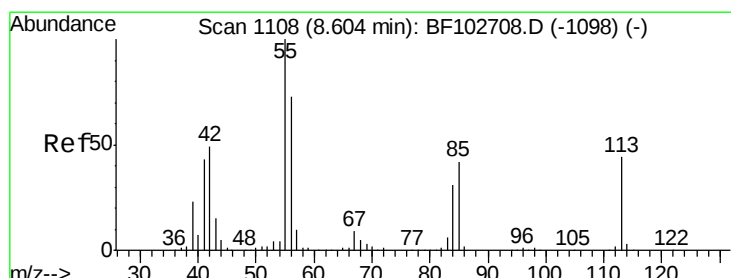
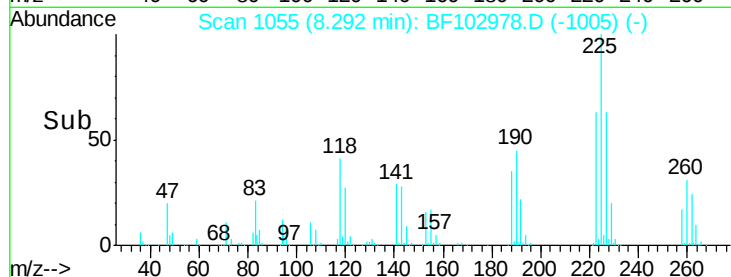
Sohil



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

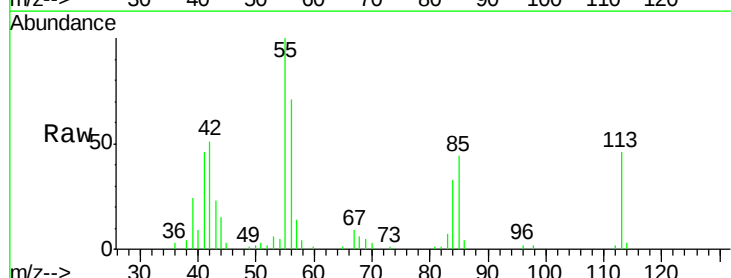


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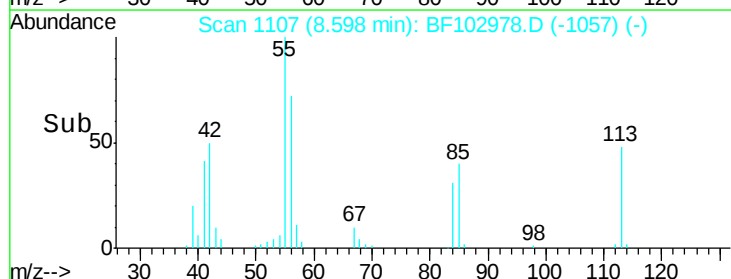
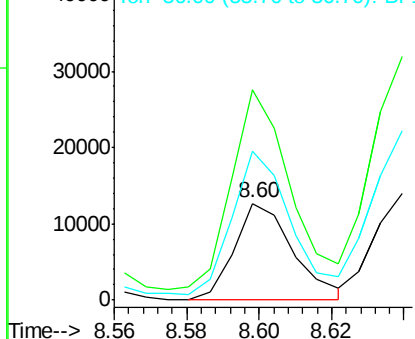


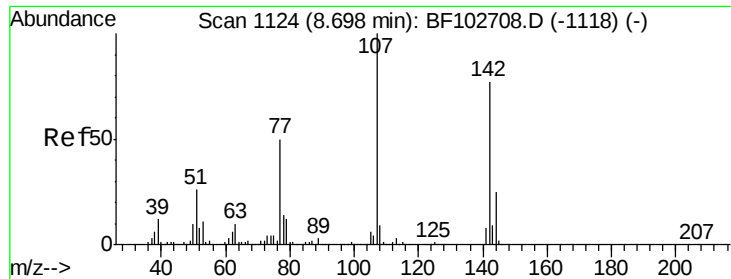
#35
Caprolactam
Concen: 4.495 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
55	217.3	163.3	203.3#
56	153.5	115.7	155.7



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1





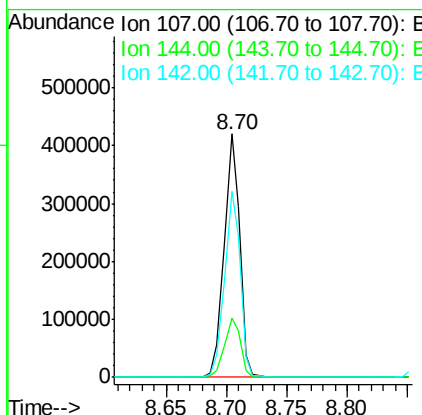
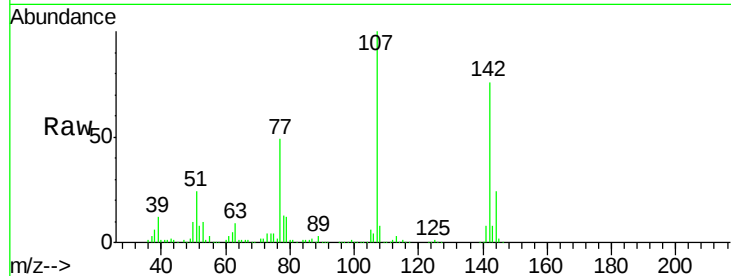
#36
 4-Chloro-3-methylphenol
 Concen: 36.210 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BS

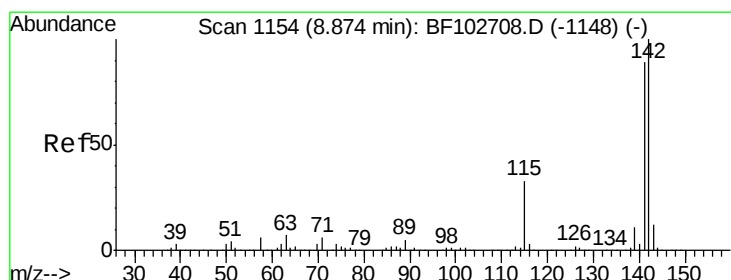
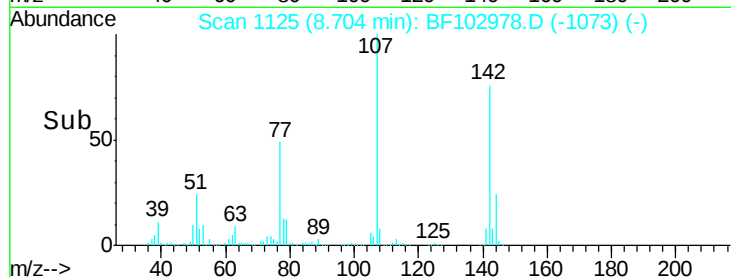
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.4	20.5	30.7	
142	76.4	62.0	93.0	

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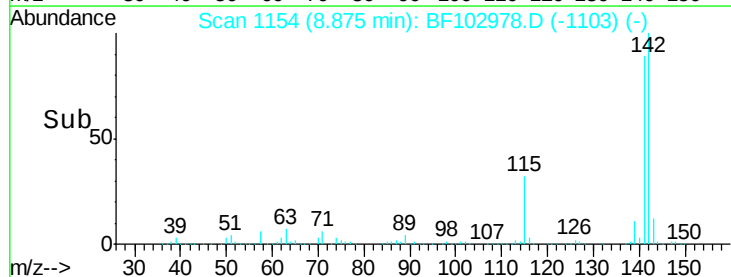
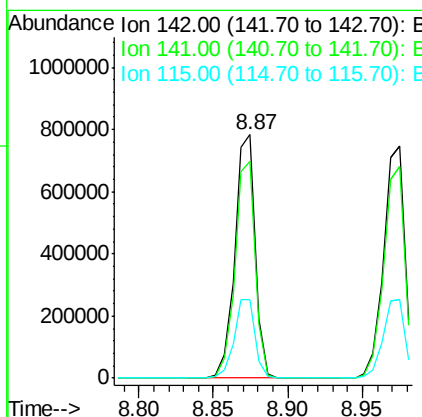
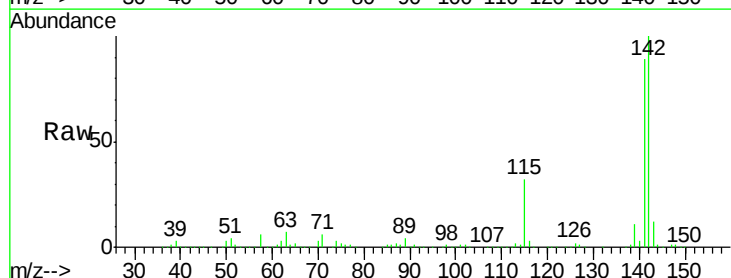


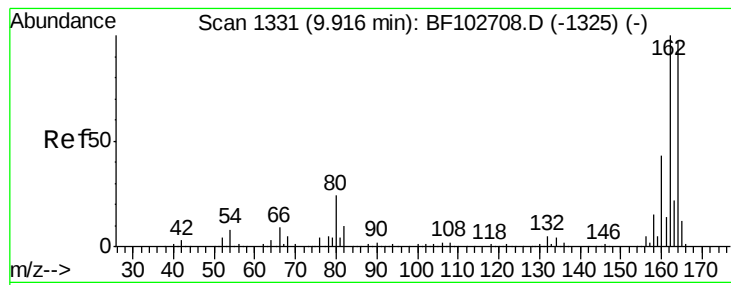
2/15/2018 11:06:10 AM



#37
 2-Methylnaphthalene
 Concen: 32.462 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	89.3	70.8	106.2	
115	32.2	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: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

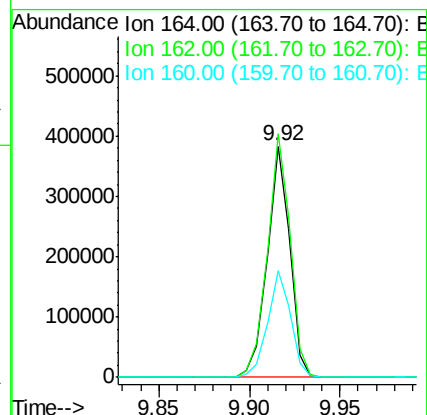
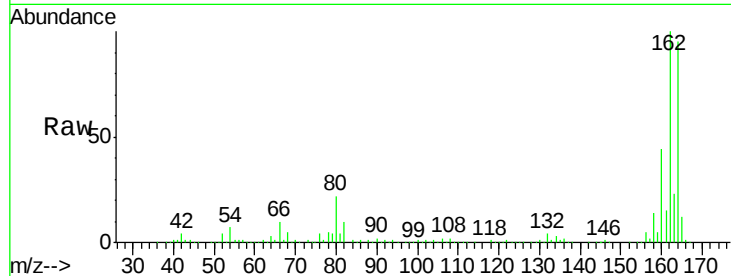
ClientSampleId :

PB106515BS

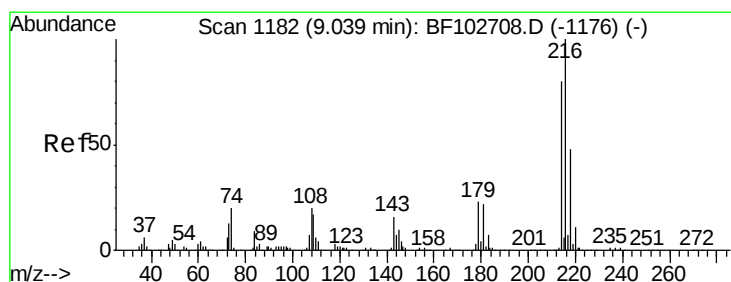
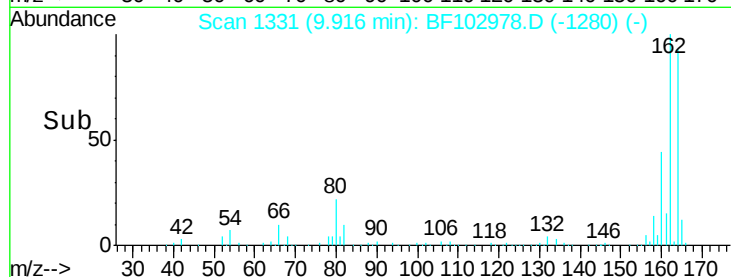
Tot Ion:	164	Resp:	332818
Ion Ratio	Lower	Upper	
164	100		
162	105.2	86.1	129.1
160	46.1	38.3	57.5

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.777 ng

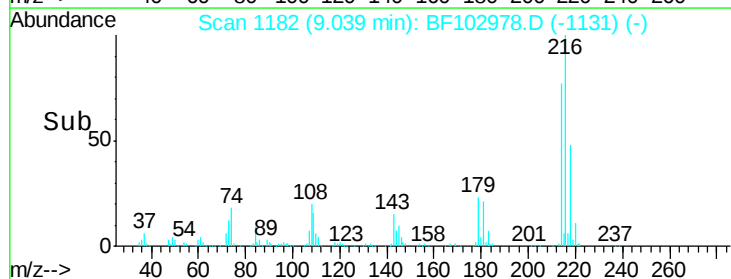
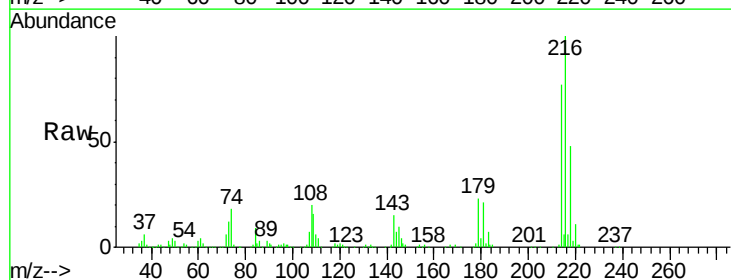
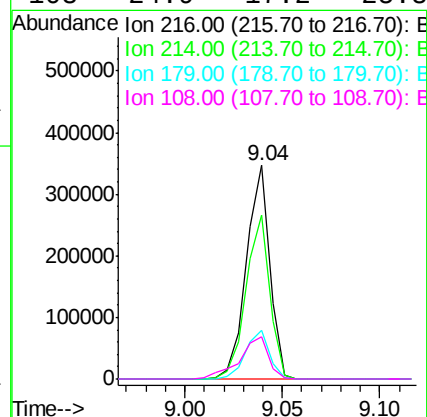
RT: 9.04 min Scan# 1182

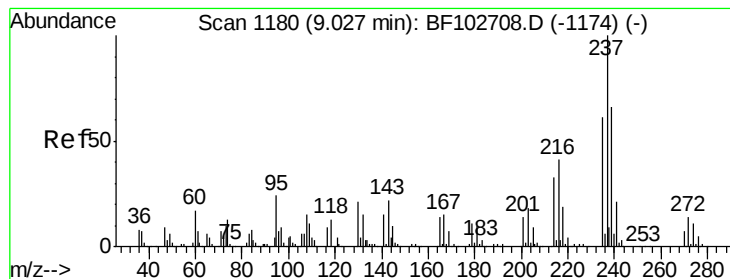
Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Tgt Ion:	216	Resp:	287963
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.0	94.4
179	23.2	18.1	27.1
108	24.9	17.2	25.8





#40

Hexachlorocyclopentadiene

Concen: 61.267 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

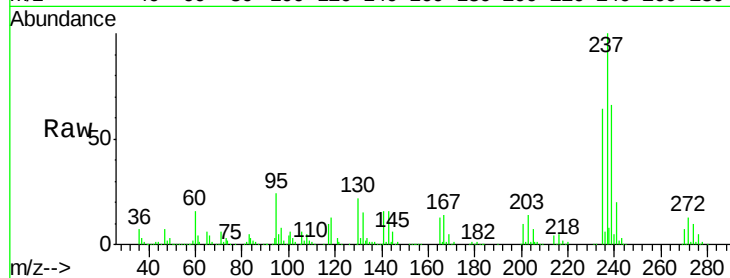
ClientSampleId :

PB106515BS

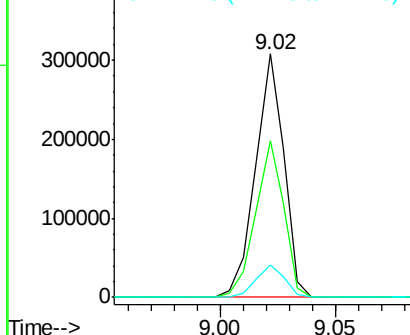
Tot Ion:	237	Resp:	263933
Ion Ratio	Lower	Upper	
237	100		
235	64.1	44.8	84.8
272	13.2	0.0	33.3

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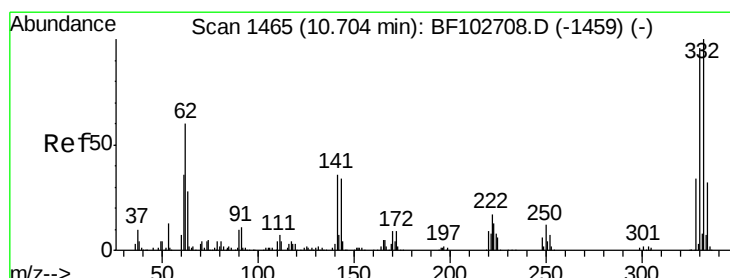
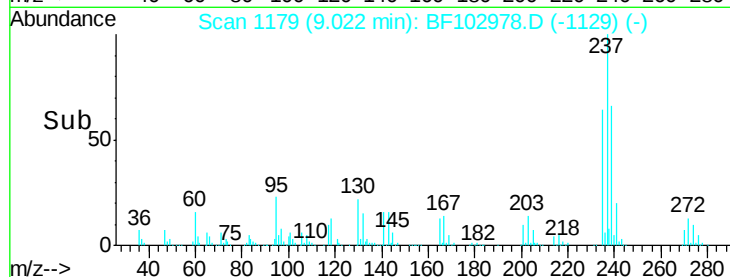
Sohil



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



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#41

2,4,6-Tribromophenol

Concen: 131.196 ng

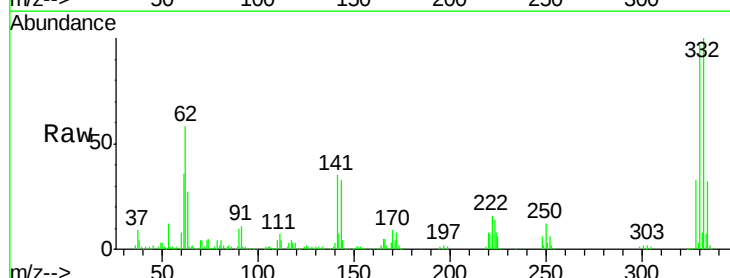
RT: 10.71 min Scan# 1466

Delta R.T. 0.01 min

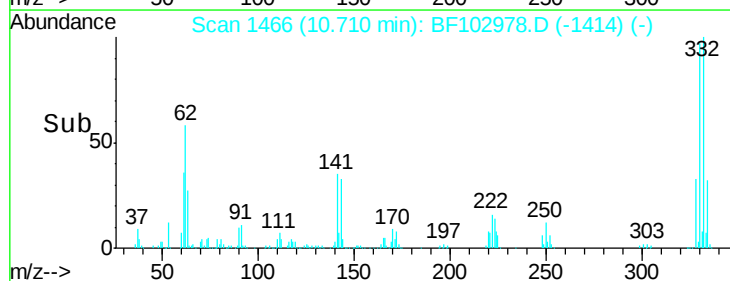
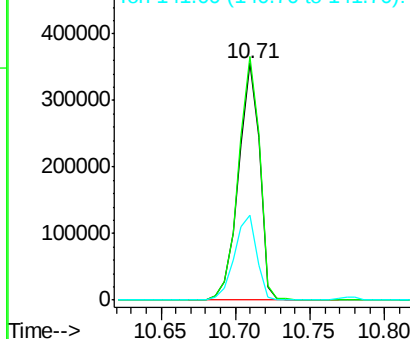
Lab File: BF102978.D

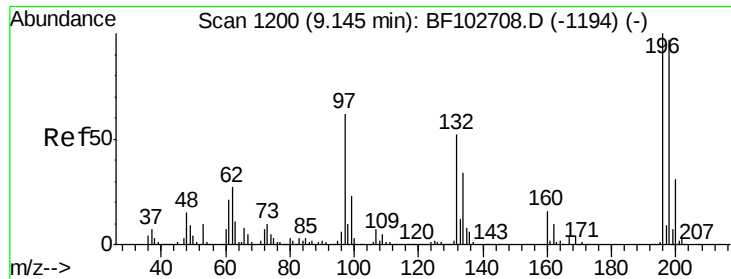
Acq: 14 Feb 2018 10:12

Tgt Ion:	330	Resp:	351447
Ion Ratio	Lower	Upper	
330	100		
332	103.5	77.0	115.6
141	38.7	29.9	44.9



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





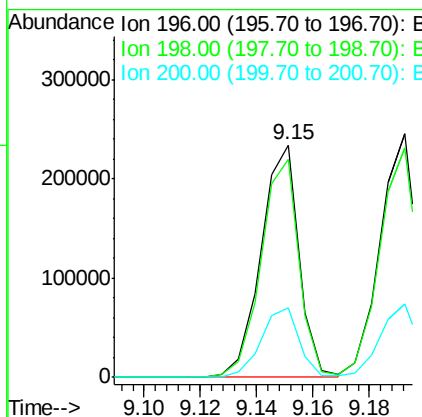
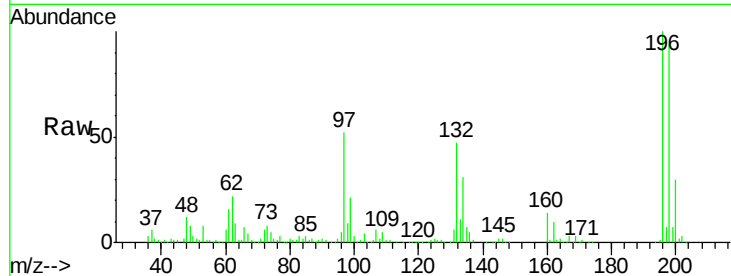
#42
 2,4,6-Trichlorophenol
 Concen: 36.619 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BS

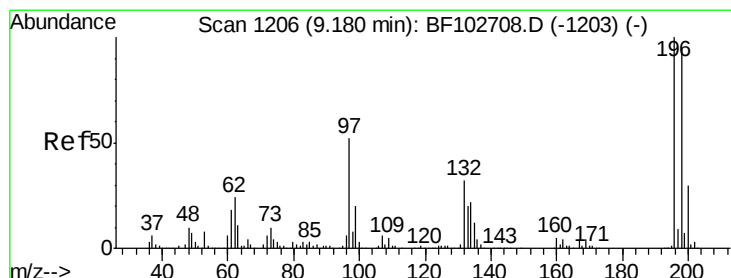
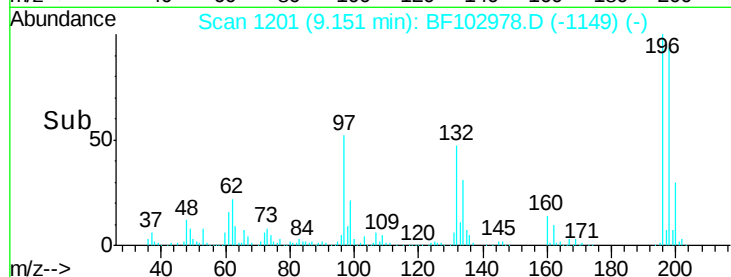
Tot Ion	Ratio	Resp	Lower	Upper
196	100	217962		
198	93.6	75.7	113.5	
200	30.0	24.5	36.7	

Manual Integrations
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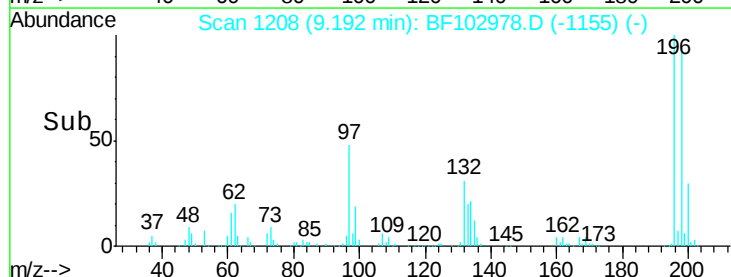
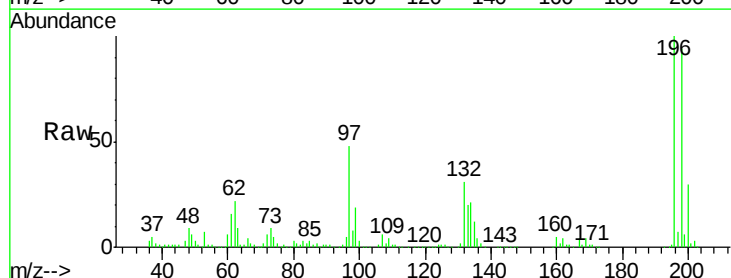
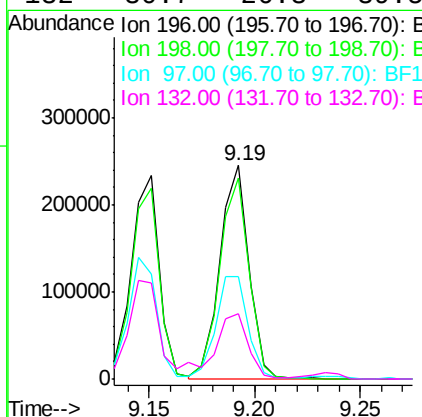


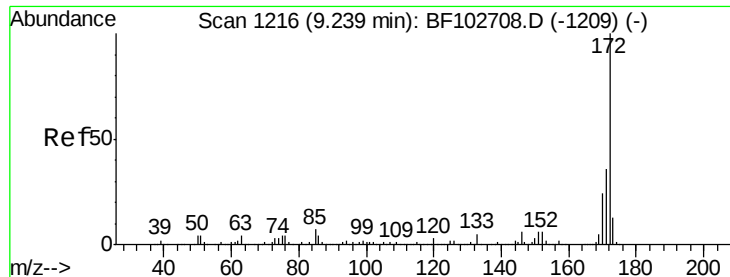
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#43
 2,4,5-Trichlorophenol
 Concen: 34.612 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	232202		
198	94.1	74.6	112.0	
97	48.0	42.9	64.3	
132	30.7	26.3	39.5	





#44
2-Fluorobiphenyl
Concen: 82.540 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

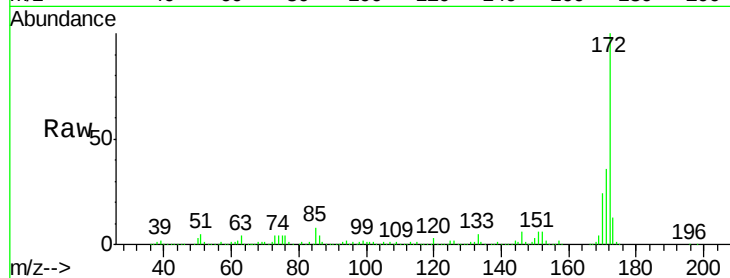
Instrument :
BNA_F
ClientSampleId :
PB106515BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4

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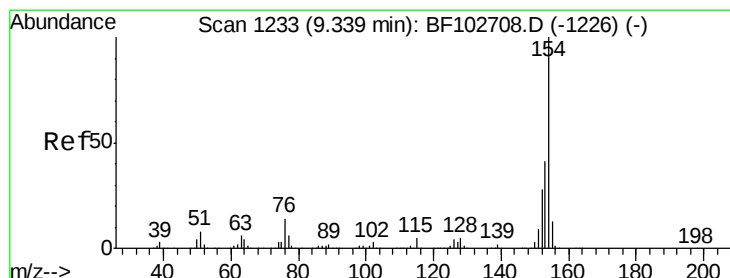
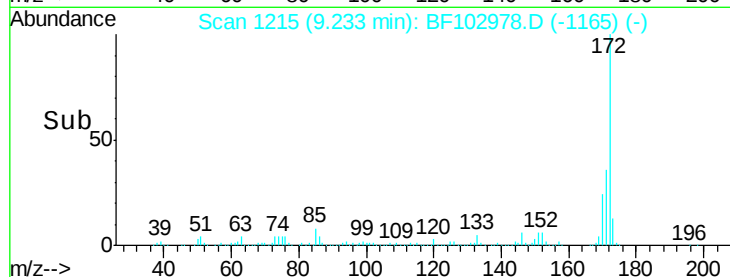
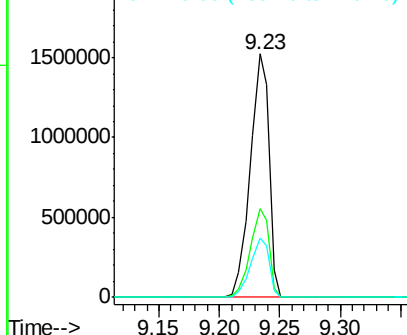


Abundance

Ion 172.00 (171.70 to 172.70): E

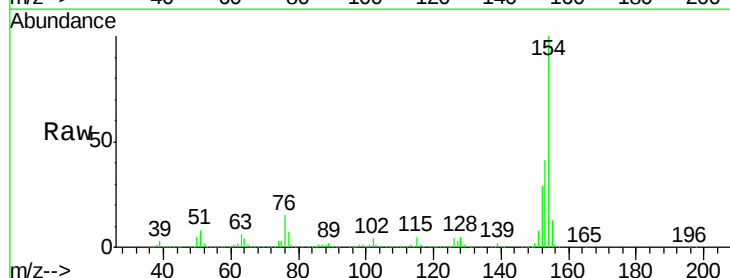
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45
1,1'-Biphenyl
Concen: 31.424 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	15.3	0.0	34.0

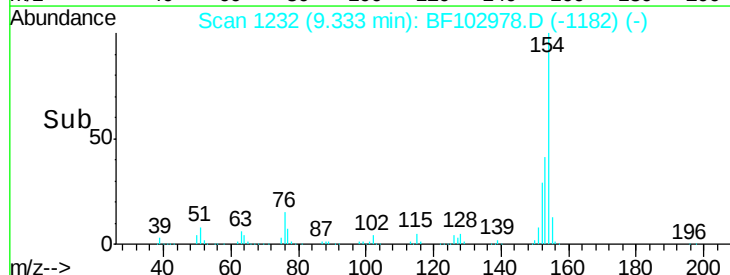
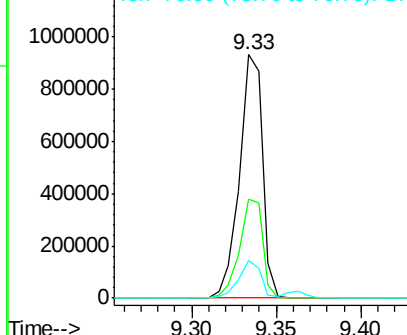


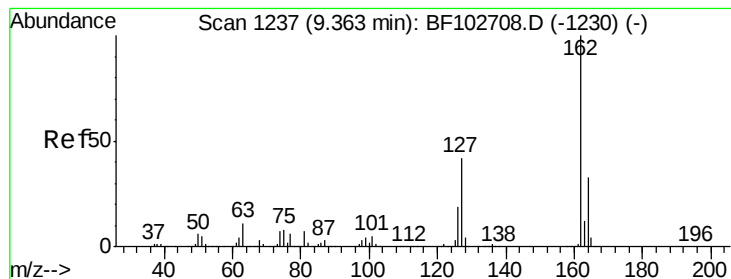
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





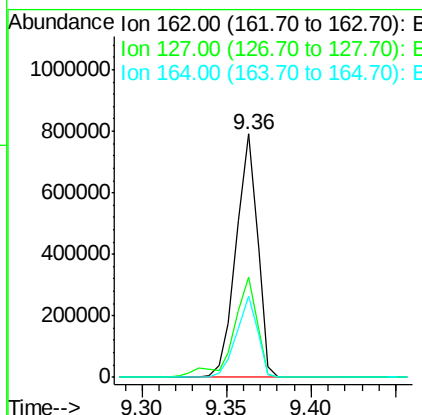
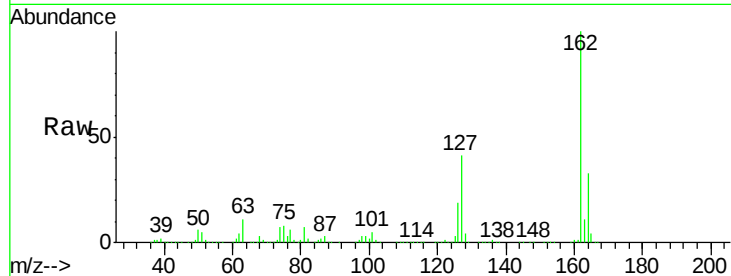
#46
2-Chloronaphthalene
Concen: 31.636 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :
PB106515BS

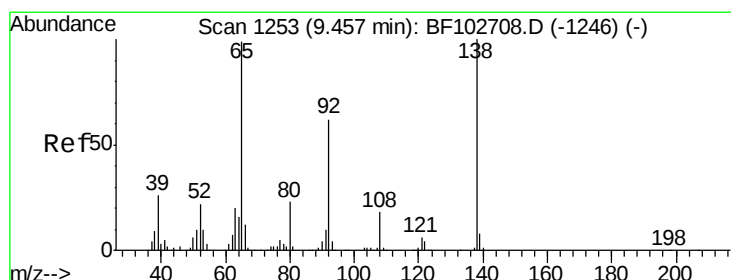
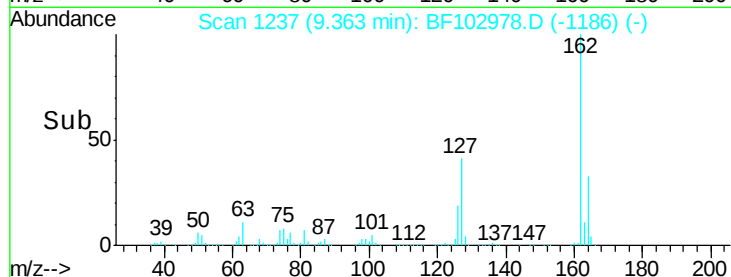
Tot Ion	Ratio	Resp	Lower	Upper
162	100	698175		
127	41.1		33.9	50.9
164	33.2		26.5	39.7

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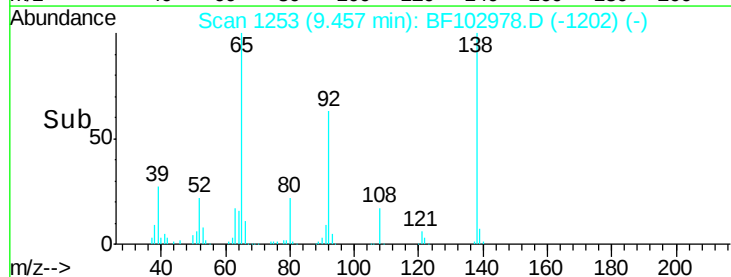
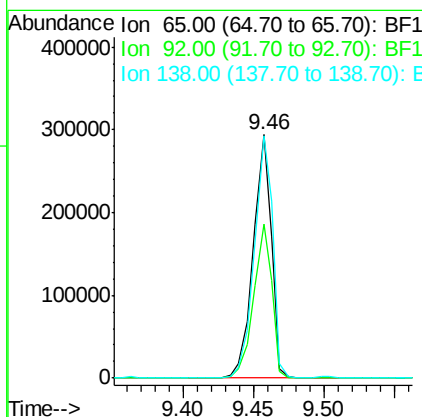
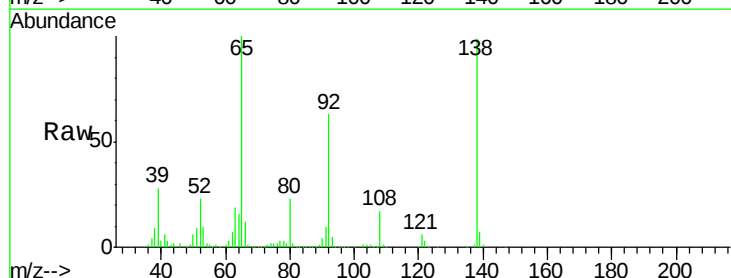


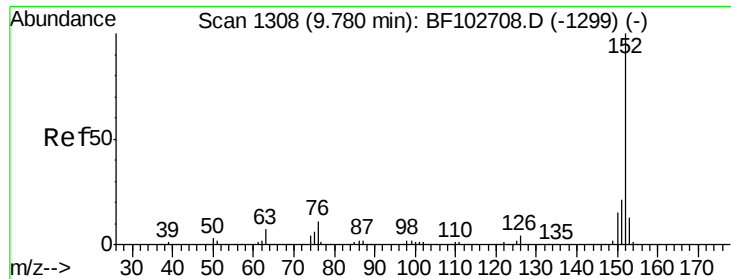
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#47
2-Nitroaniline
Concen: 40.033 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	268392		
92	63.1		55.8	83.6
138	99.3		91.2	136.8





#48

Acenaphthylene

Concen: 31.483 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

ClientSampleId :

PB106515BS

Tot Ion:152 Resp: 1079141

Ion Ratio Lower Upper

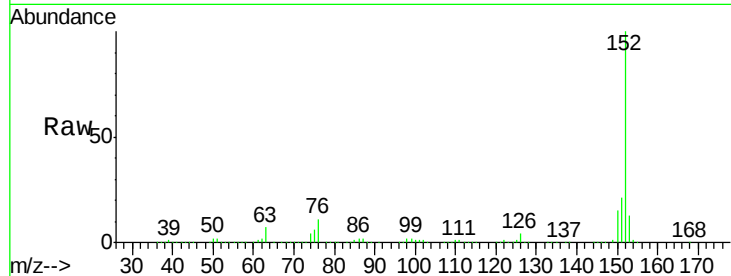
152 100

151 20.5 16.3 24.5

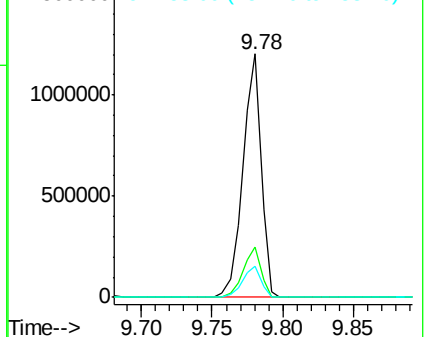
153 13.0 10.7 16.1

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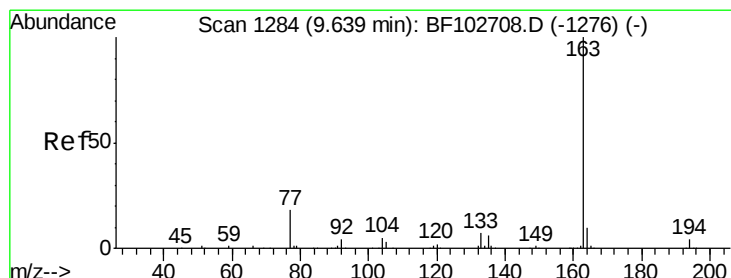
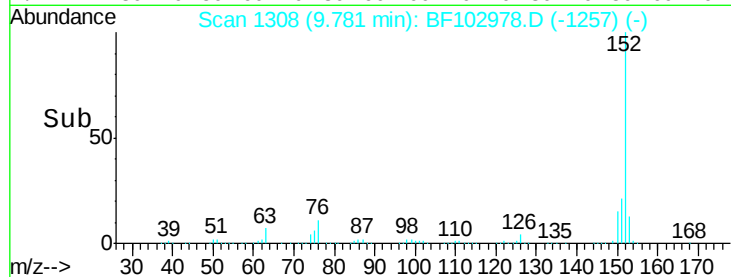
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



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#49

Dimethylphthalate

Concen: 35.199 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

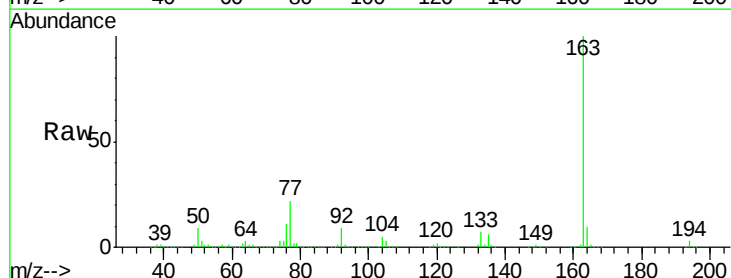
Tgt Ion:163 Resp: 913425

Ion Ratio Lower Upper

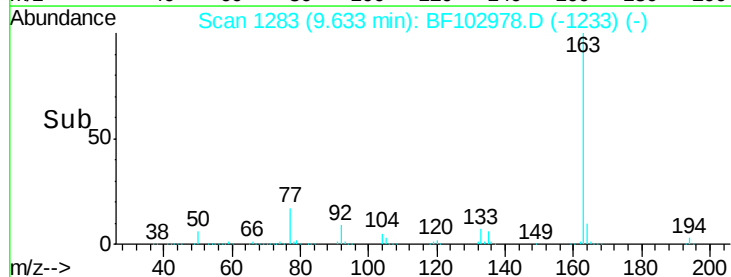
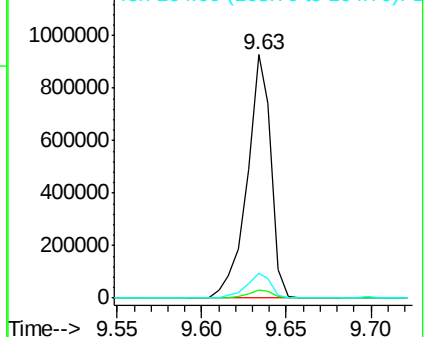
163 100

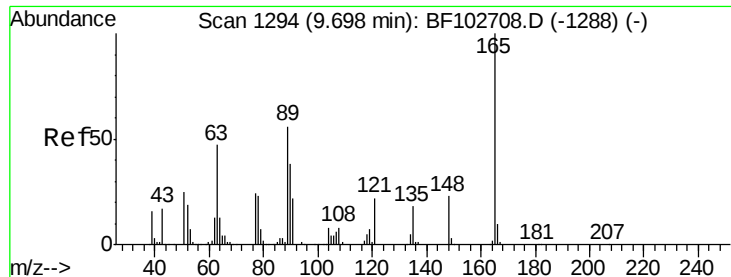
194 3.4 2.7 4.1

164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





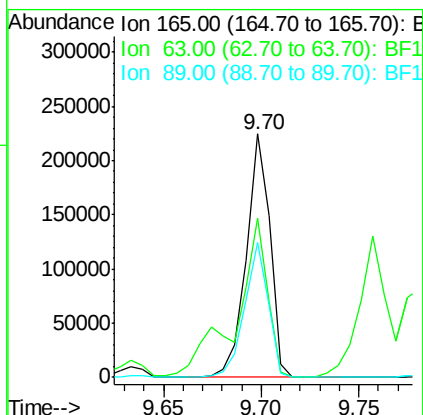
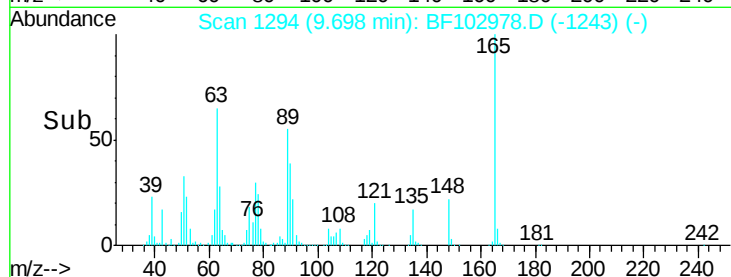
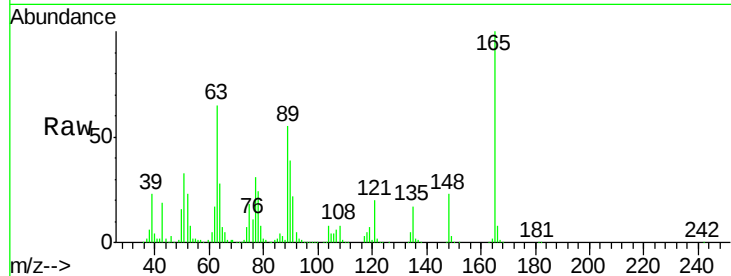
#50
2,6-Dinitrotoluene
Concen: 38.246 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :
PB106515BS

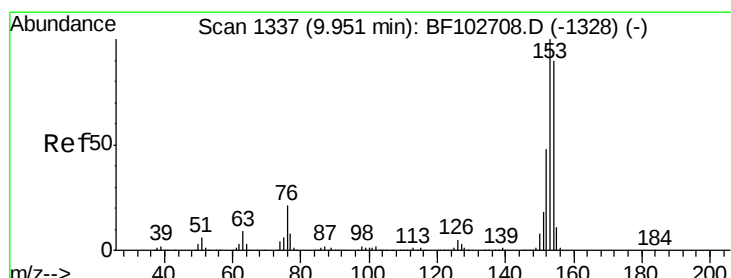
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	65.5	44.7		67.1	
89	55.3	44.0		66.0	

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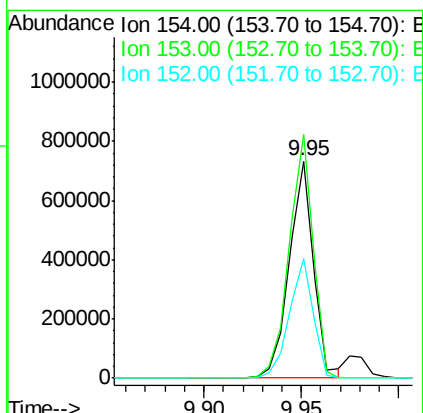
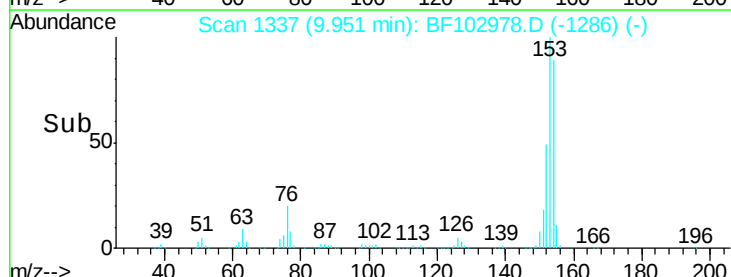
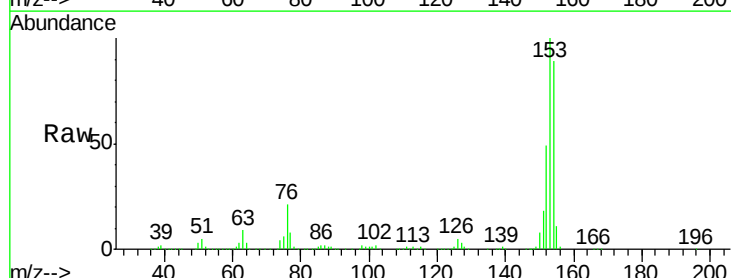


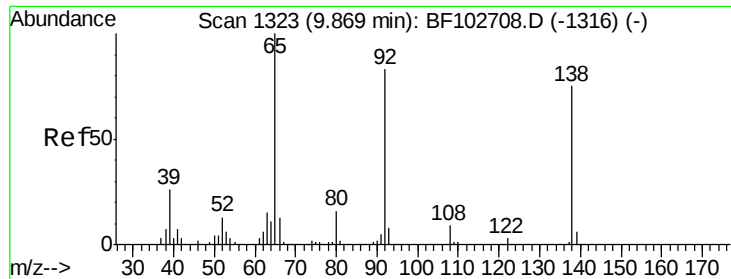
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#51
Acenaphthene
Concen: 30.740 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	112.3	91.2		136.8	
152	55.3	43.8		65.8	





#52

3-Nitroaniline

Concen: 28.790 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

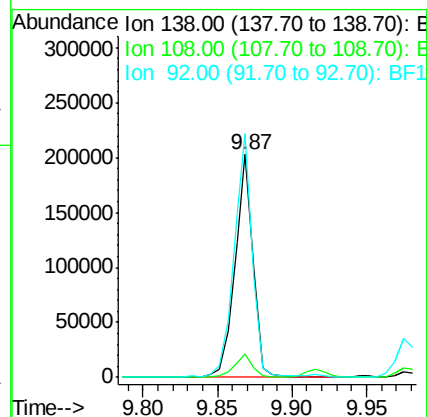
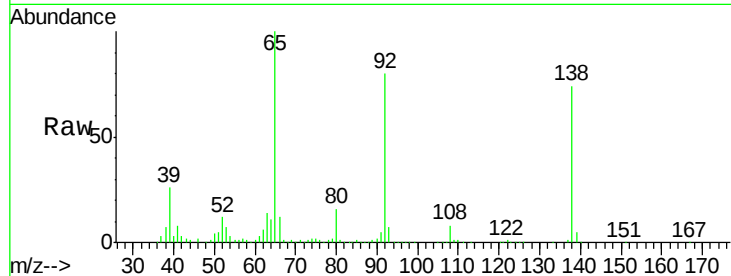
ClientSampleId :

PB106515BS

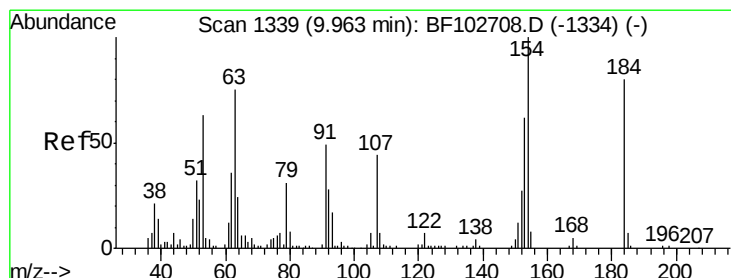
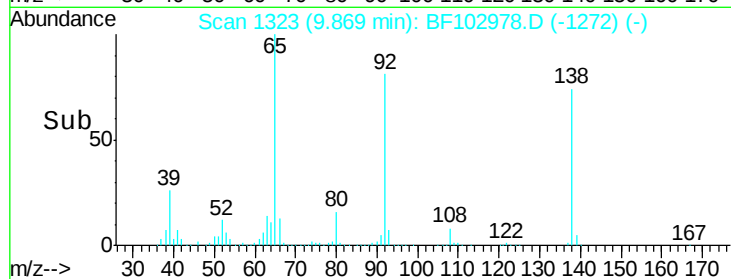
Tot Ion:	138	Resp:	174897
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	109.4	89.4	134.2

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#53

2,4-Dinitrophenol

Concen: 71.714 ng

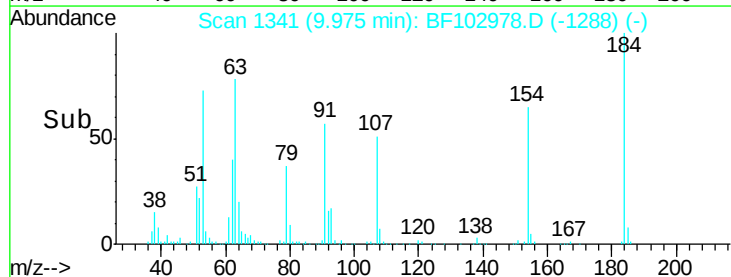
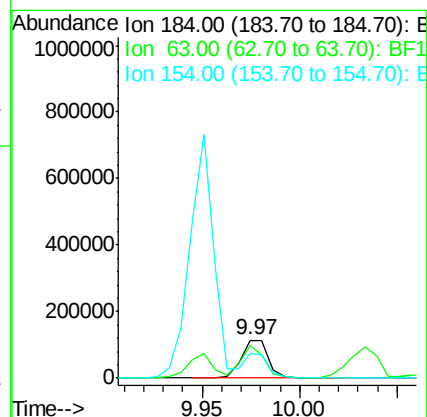
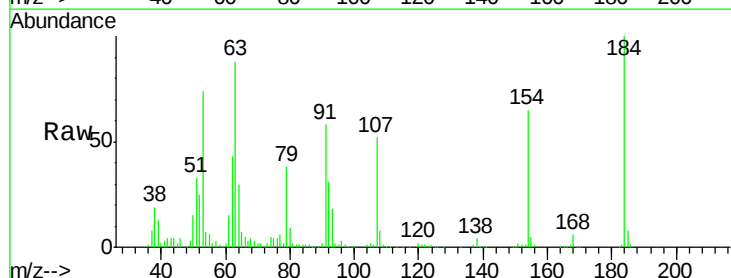
RT: 9.97 min Scan# 1341

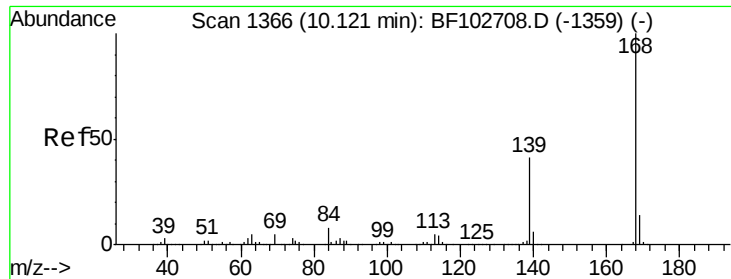
Delta R.T. 0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Tgt Ion:	184	Resp:	110241
Ion Ratio	Lower	Upper	
184	100		
63	87.6	54.2	81.2#
154	65.2	184.0	276.0#





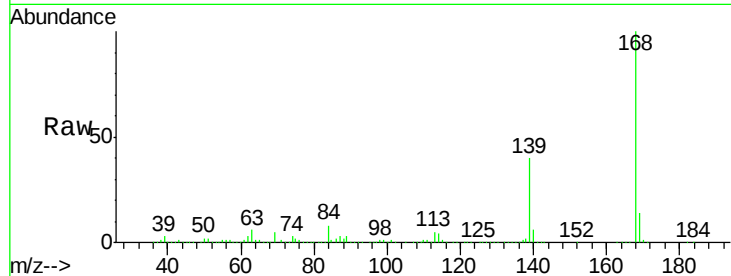
#54
Dibenzenofuran
Concen: 33.165 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :
PB106515BS

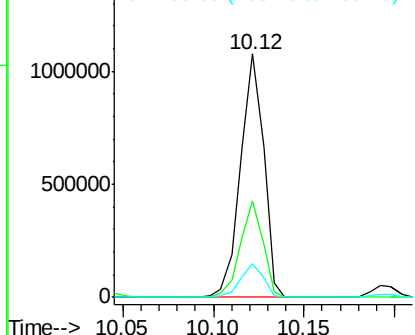
Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.8	30.1	45.1	
169	13.8	10.9	16.3	

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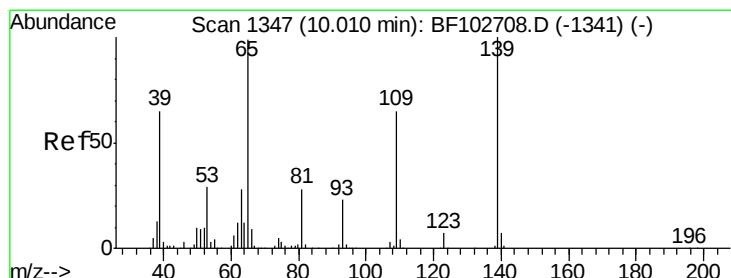
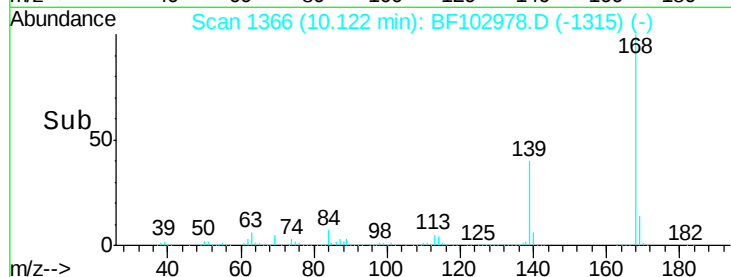
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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



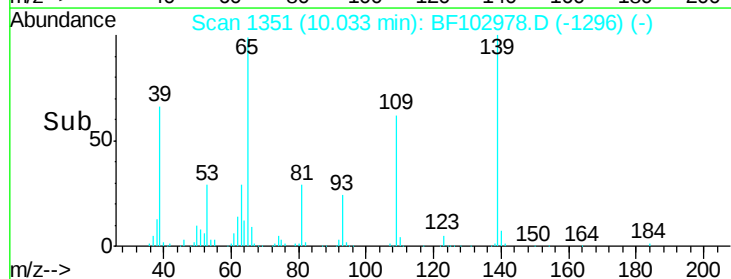
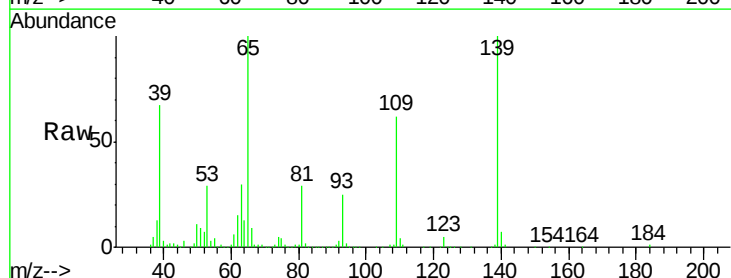
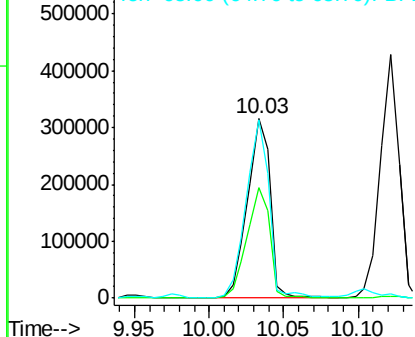
2/15/2018 11:06:10 AM

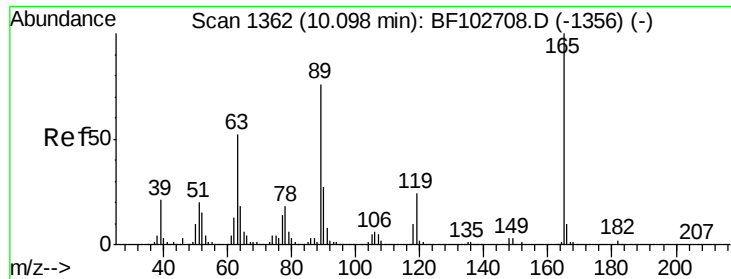


#55
4-Nitrophenol
Concen: 67.511 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.02 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.0	48.4	88.4	
65	99.7	72.6	112.6	

Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#56
2,4-Dinitrotoluene
Concen: 39.572 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

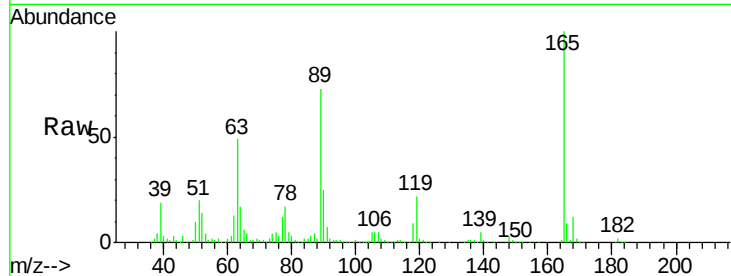
Instrument :
BNA_F
ClientSampleId :
PB106515BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		258205		
63	49.5	36.4	54.6		
89	72.5	57.8	86.6		
182	2.1	1.6	2.4		

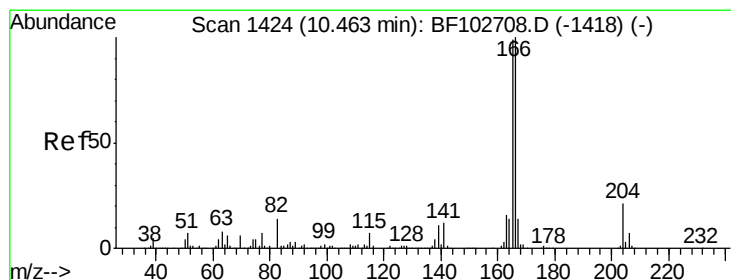
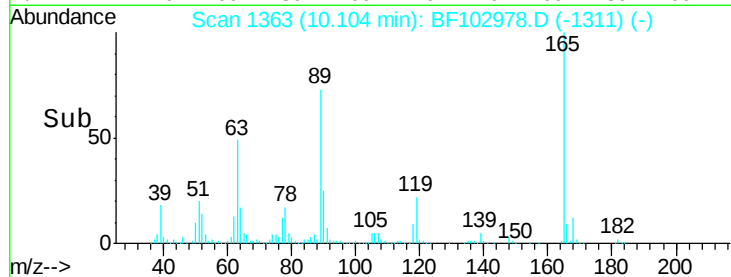
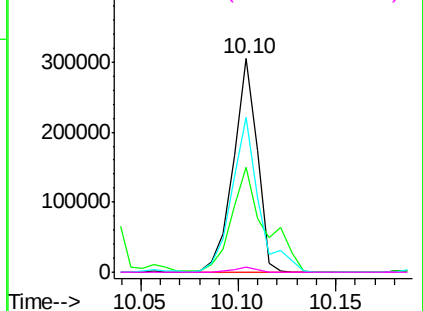
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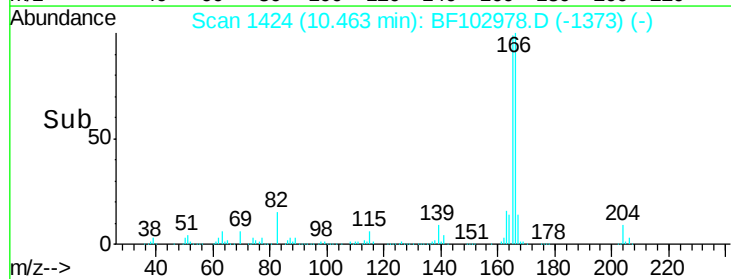
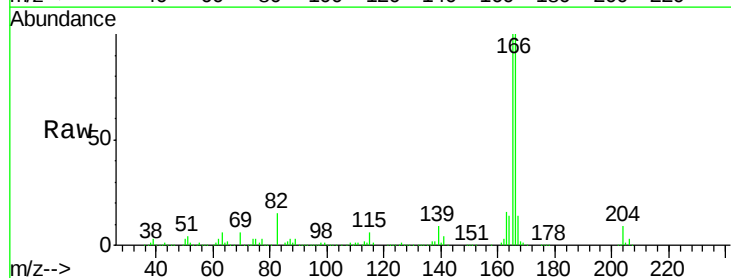
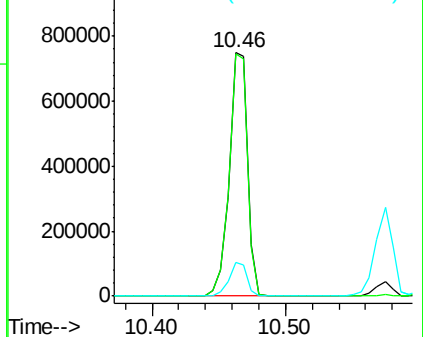
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

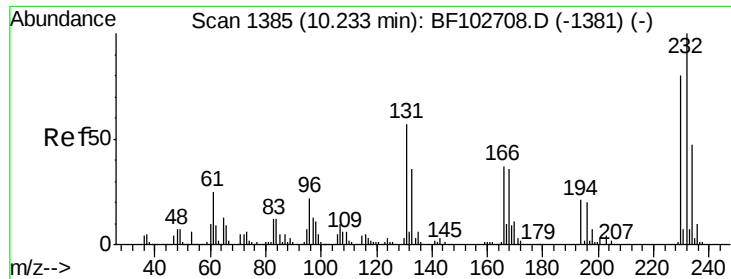


#57
Fluorene
Concen: 34.580 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		726808		
165	99.5	79.8	119.8		
167	14.1	10.6	16.0		

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





#58

2,3,4,6-Tetrachlorophenol

Concen: 38.012 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

ClientSampleId :

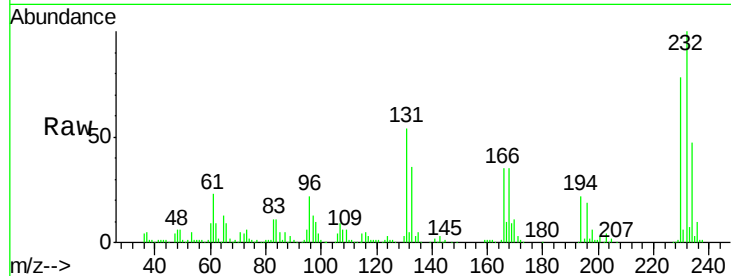
PB106515BS

Tot Ion:	232	Resp:	176744
Ion Ratio	Lower	Upper	
232	100		
131	55.6	43.8	65.8
130	2.7	2.1	3.1
166	36.2	27.8	41.6

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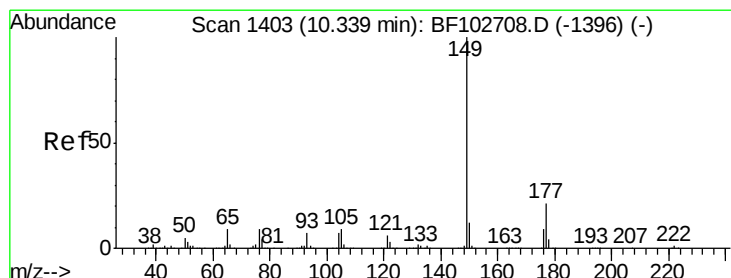
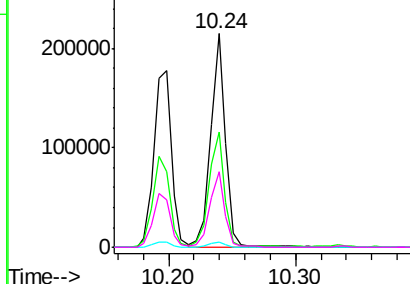
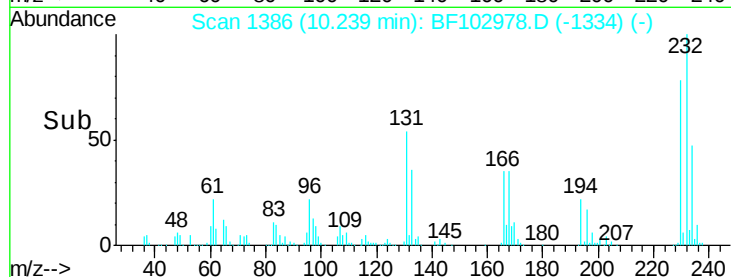


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 33.996 ng

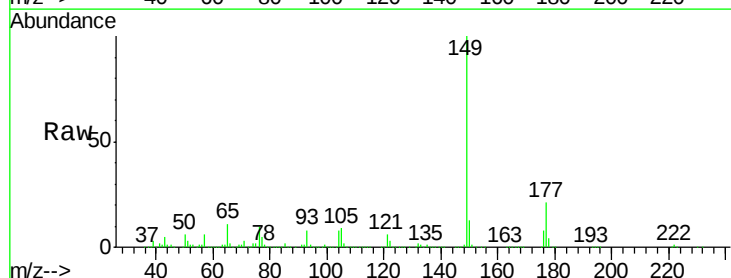
RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

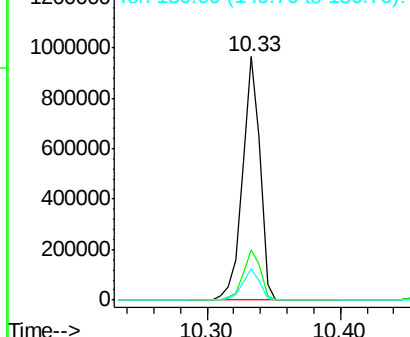
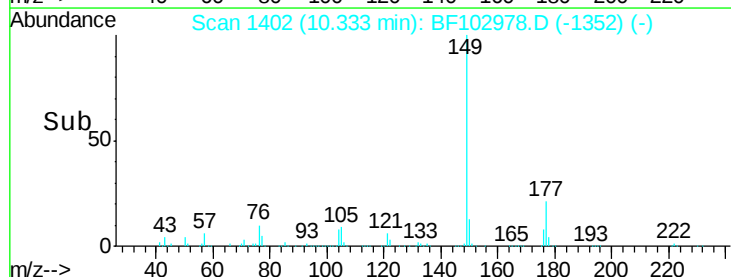
Tgt Ion:	149	Resp:	871107
Ion Ratio	Lower	Upper	
149	100		
177	20.7	16.1	24.1
150	12.9	10.1	15.1

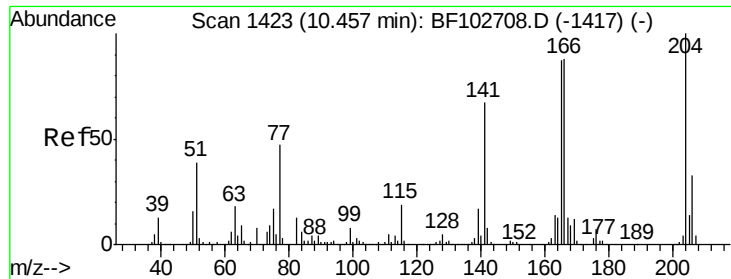


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





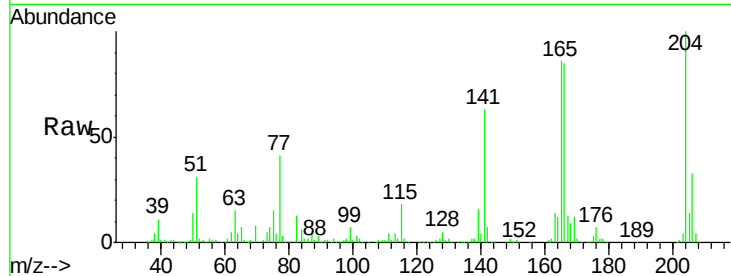
#60
4-Chlorophenyl-phenylether
Concen: 34.715 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :
PB106515BS

Tot Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.1	26.5	39.7
141	62.8	54.6	81.8

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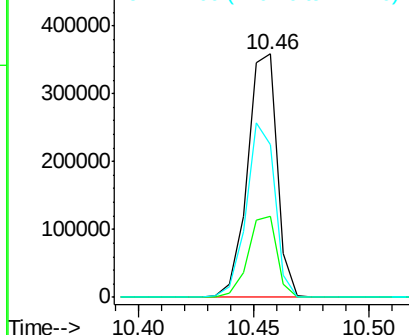


Abundance

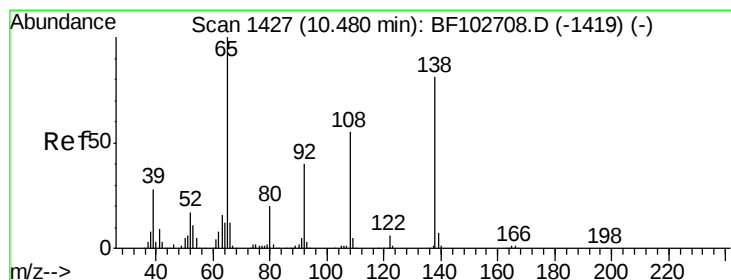
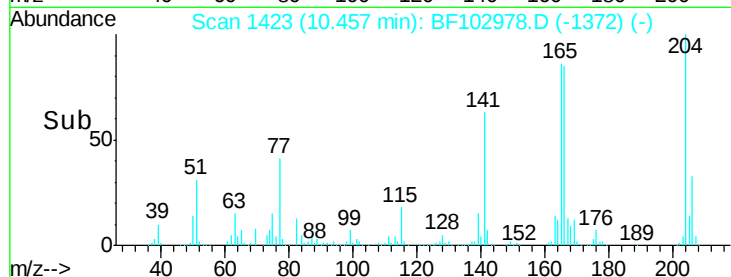
Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

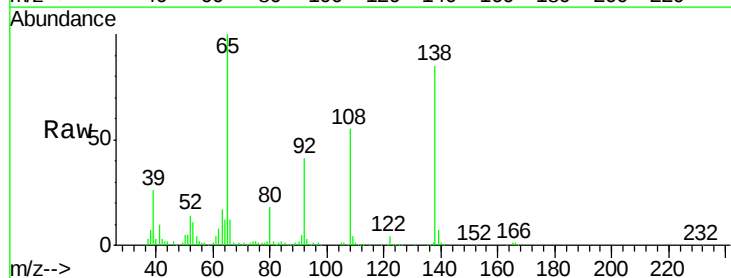


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#61
4-Nitroaniline
Concen: 33.139 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	47.5	30.2	70.2
108	64.8	52.5	92.5

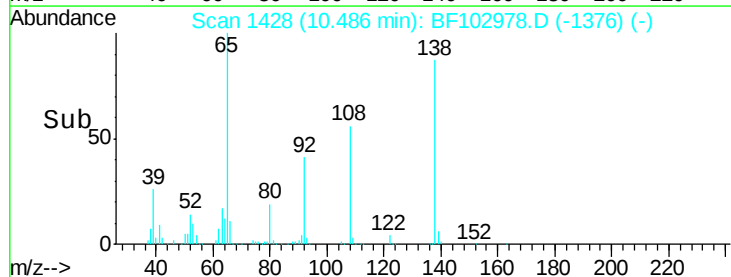
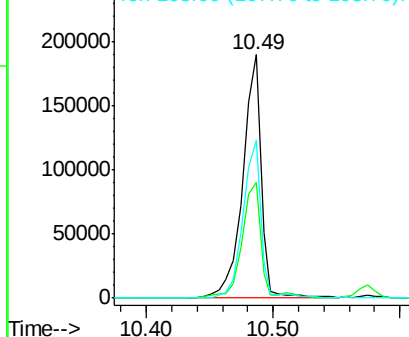


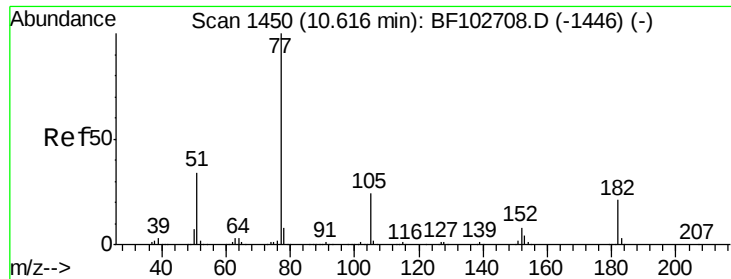
Abundance

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: 33.627 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

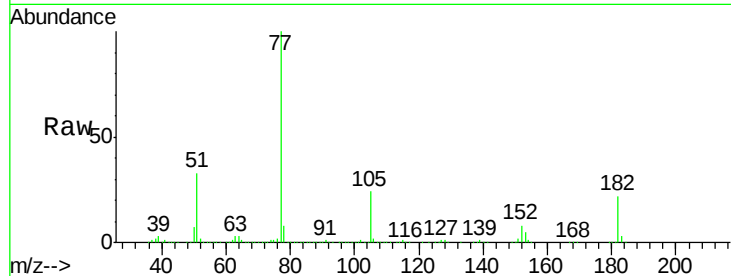
Instrument :
BNA_F
ClientSampleId :
PB106515BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	860799		
182	22.2	1.7	41.7	
105	24.3	3.0	43.0	
51	32.8	9.9	49.9	

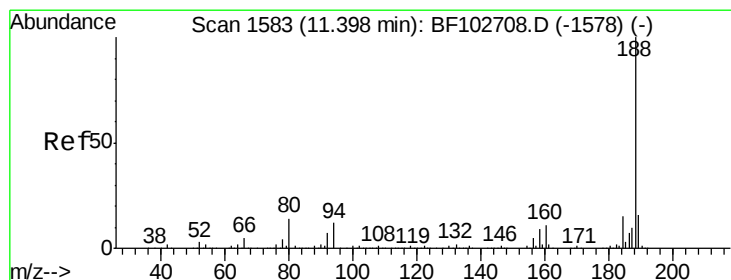
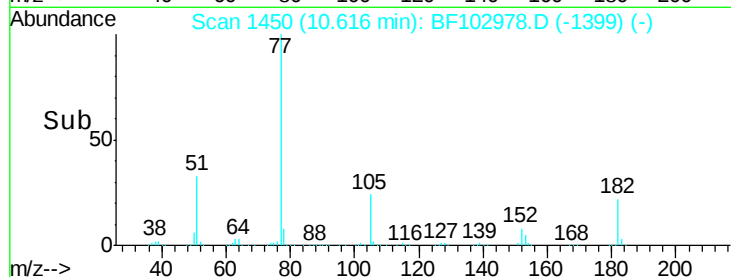
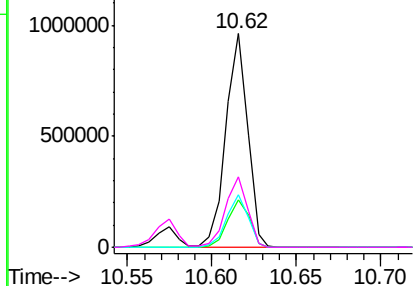
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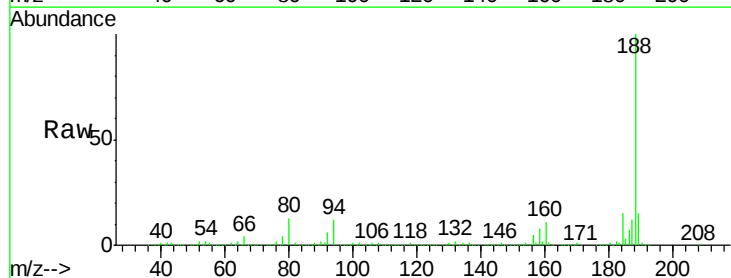


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

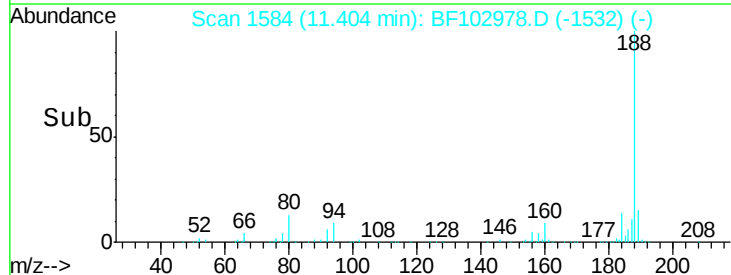
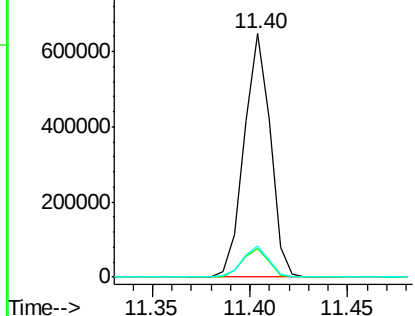


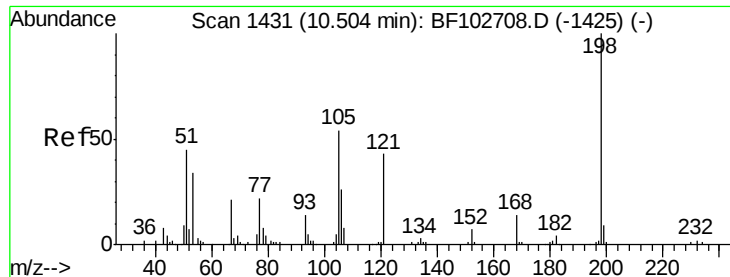
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	601649		
94	11.7	8.5	12.7	
80	13.0	9.2	13.8	



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





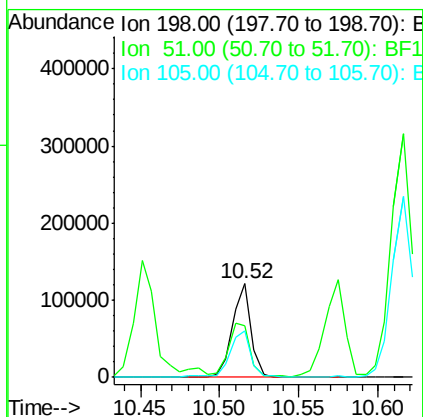
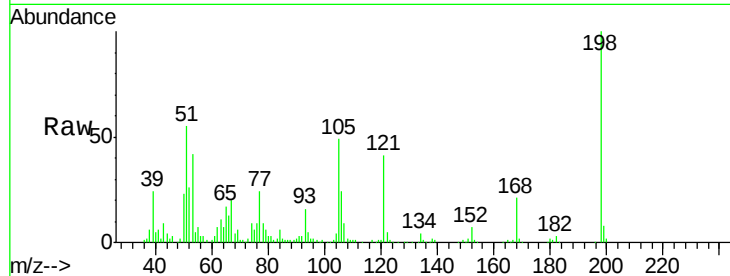
#64
4,6-Dinitro-2-methylphenol
Concen: 42.089 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :
PB106515BS

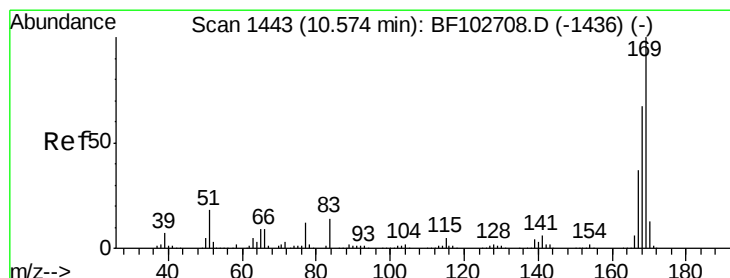
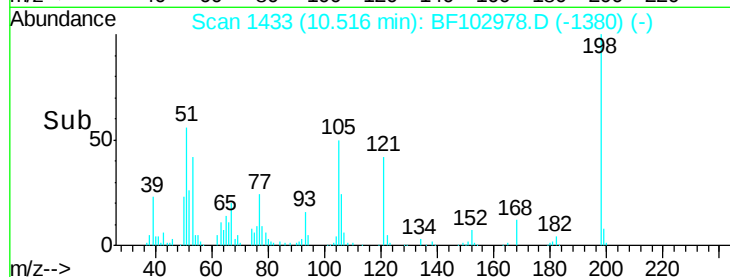
Tot Ion	Ratio	Lower	Upper
198	100		
51	54.8	37.7	77.7
105	49.3	36.3	76.3

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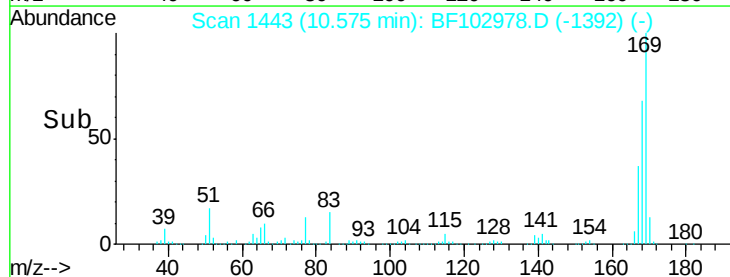
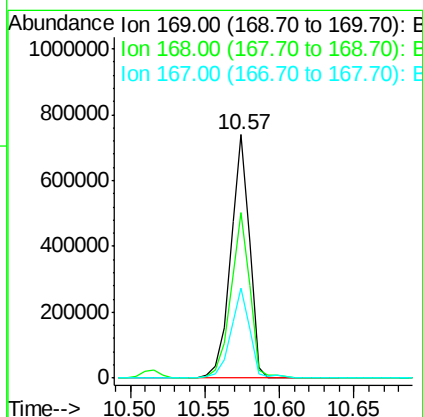
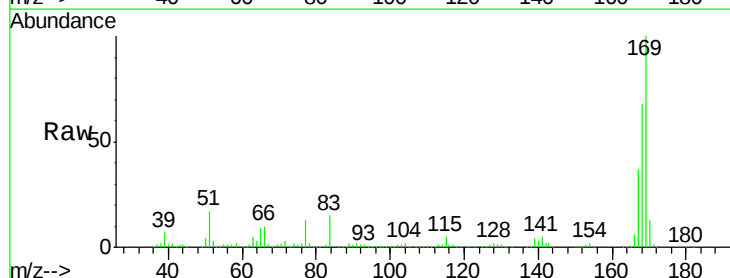


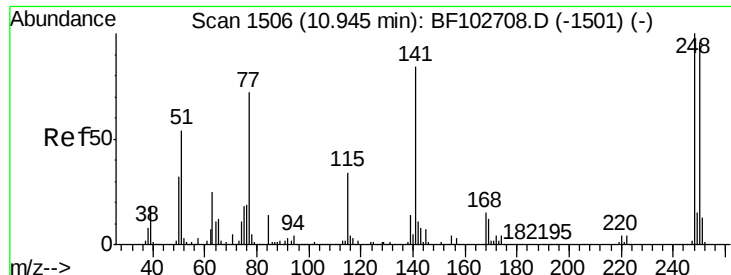
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#65
n-Nitrosodiphenylamine
Concen: 31.078 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.4	81.6
167	36.8	29.8	44.6





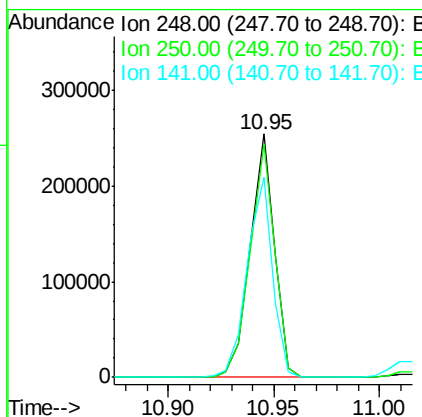
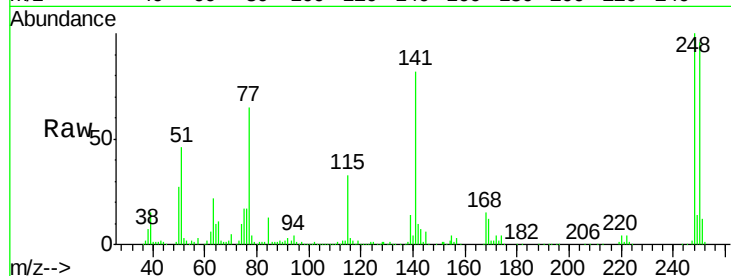
#66
 4-Bromophenyl-phenylether
 Concen: 32.161 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BS

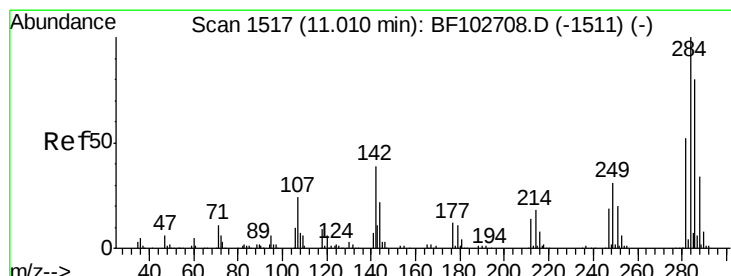
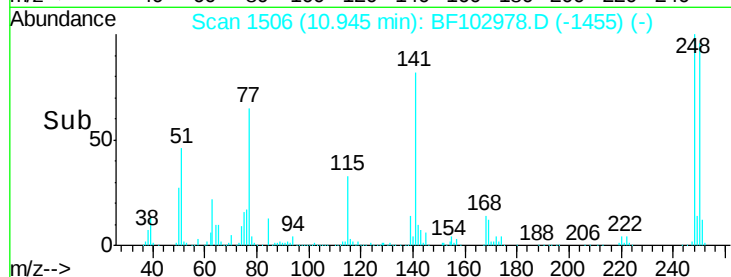
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.9	115.3
141	82.1	74.4	111.6

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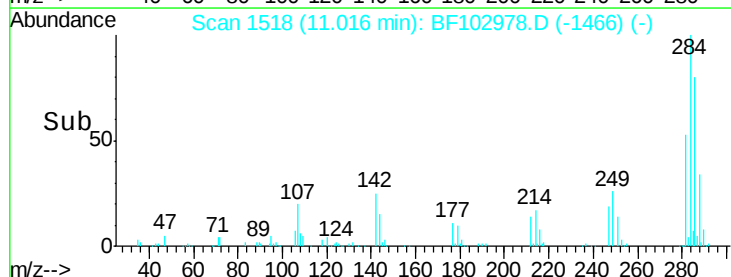
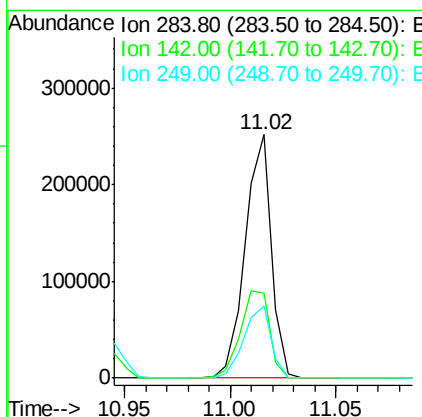
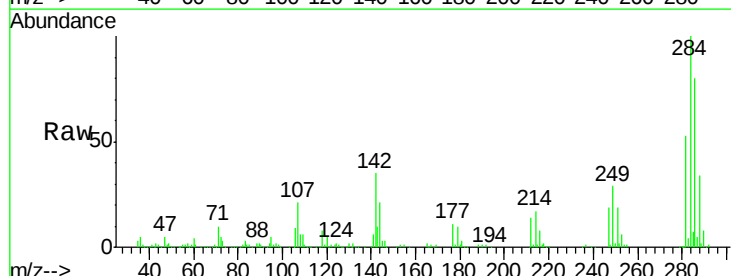


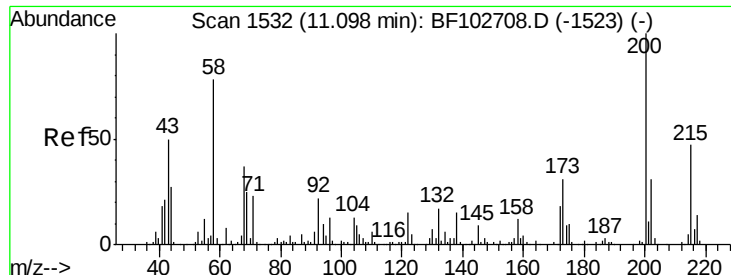
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#67
 Hexachlorobenzene
 Concen: 30.754 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. 0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	34.6	52.0
249	29.4	24.8	37.2





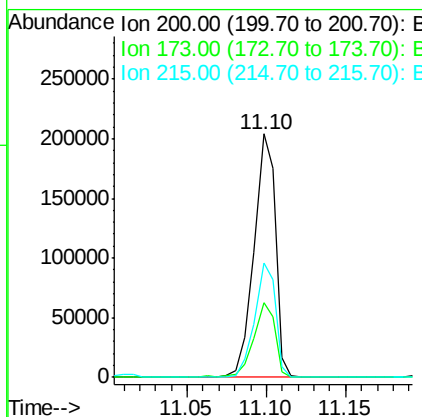
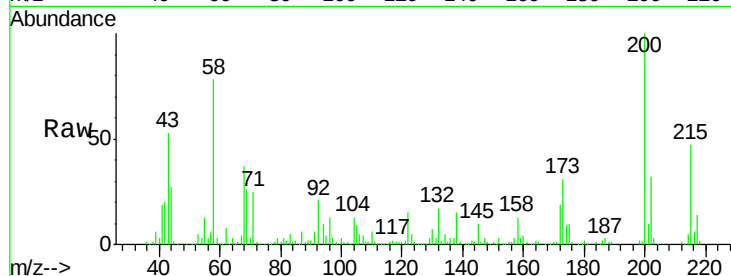
#68
Atrazine
Concen: 30.701 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :
PB106515BS

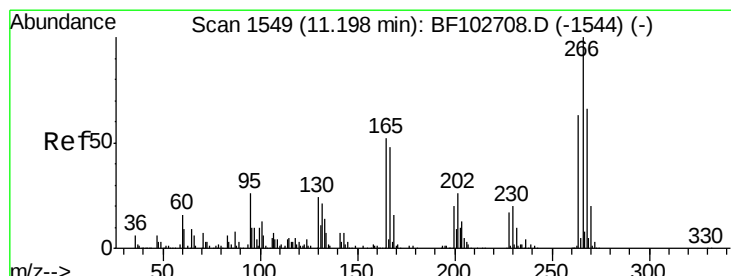
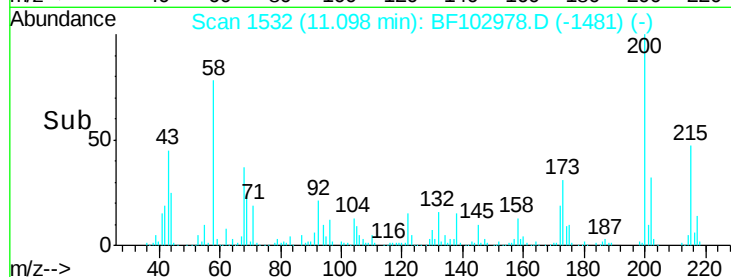
Tot Ion	Ratio	Lower	Upper
200	100		
173	30.5	8.6	48.6
215	47.0	25.1	65.1

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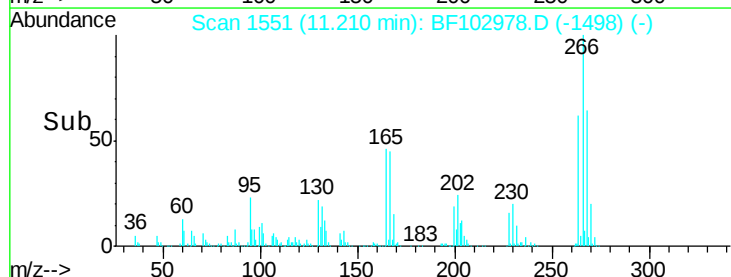
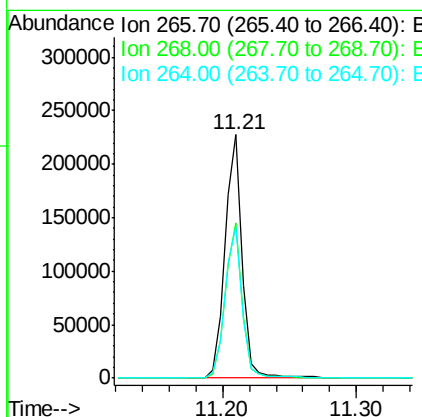
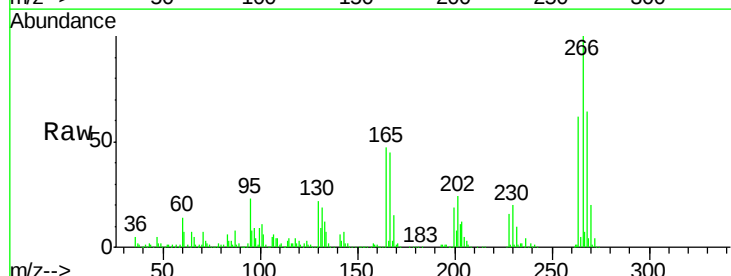


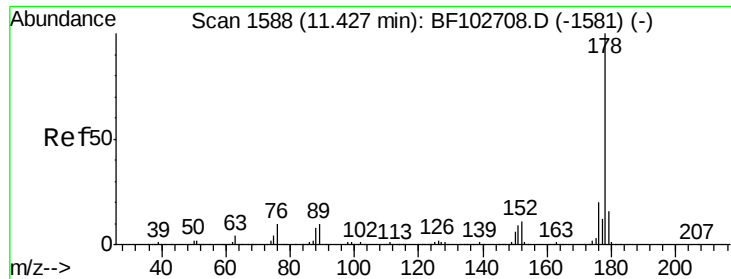
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#69
Pentachlorophenol
Concen: 50.271 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	62.0	49.5	74.3





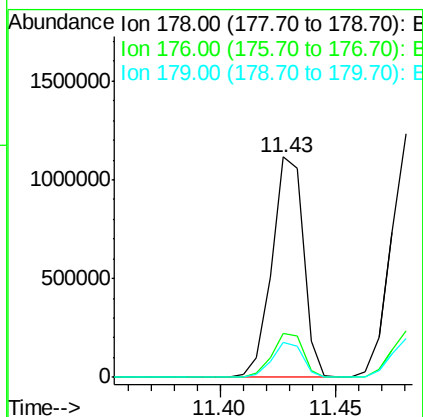
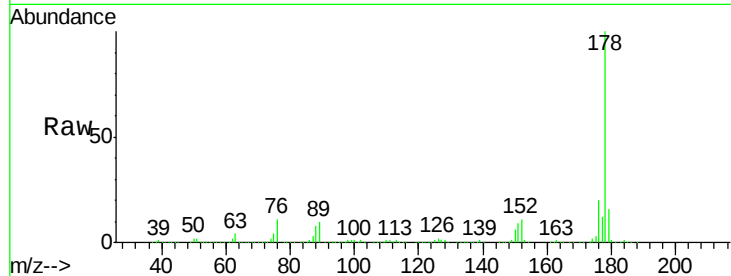
#70
Phenanthrene
Concen: 31.446 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :
PB106515BS

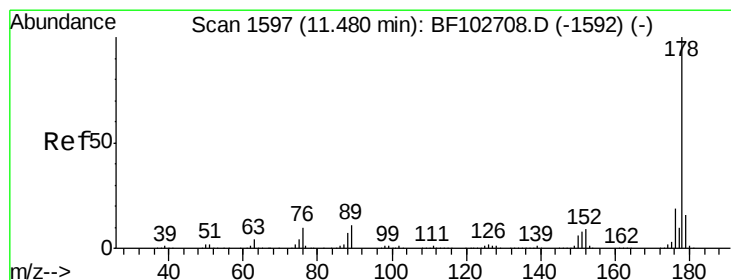
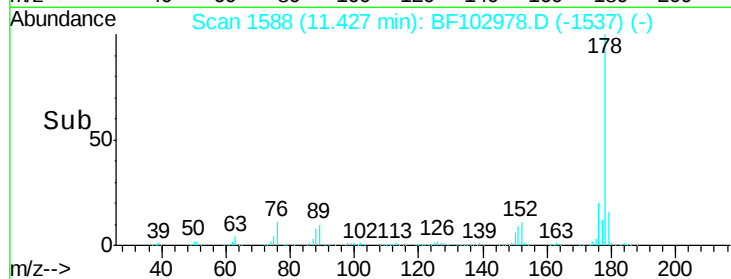
Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.8	15.8	23.8	
179	16.0	13.0	19.6	

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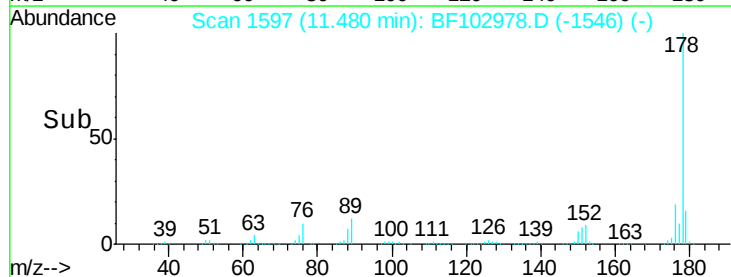
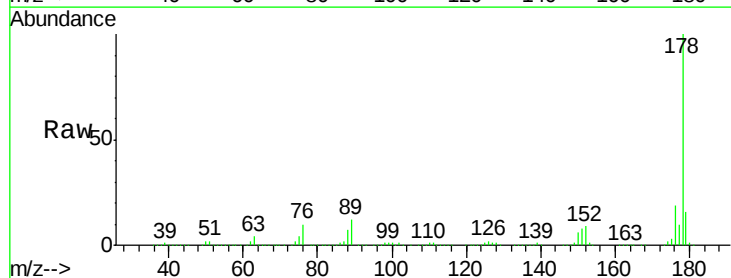
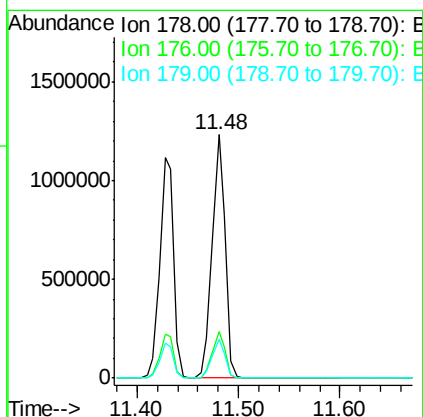


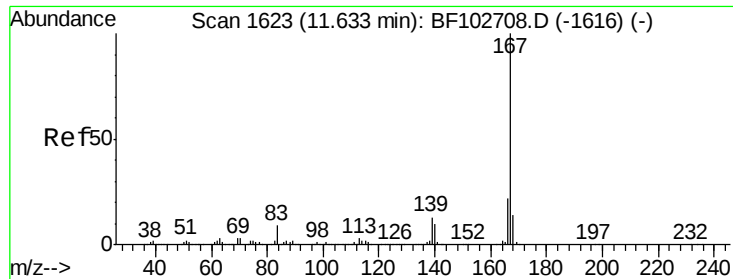
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#71
Anthracene
Concen: 32.405 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.9	15.4	23.2	
179	15.9	12.6	19.0	





#72

Carbazole

Concen: 30.899 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

ClientSampleId :

PB106515BS

Tot Ion:167 Resp: 1031681

Ion Ratio Lower Upper

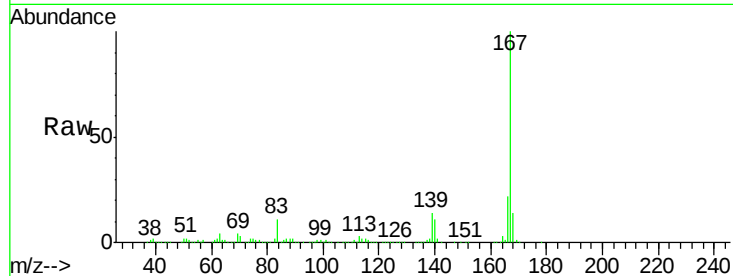
167 100

166 22.1 17.6 26.4

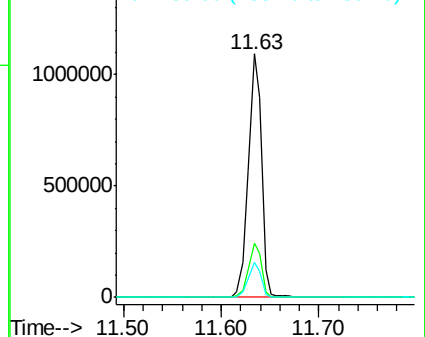
139 14.2 10.9 16.3

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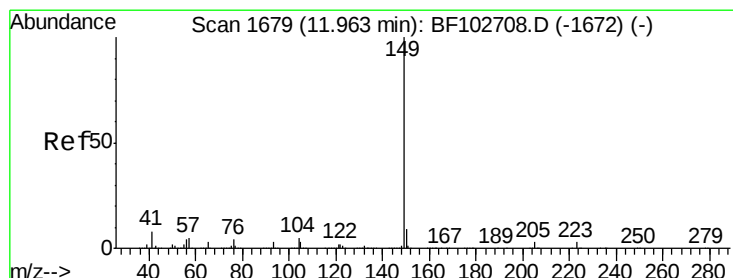
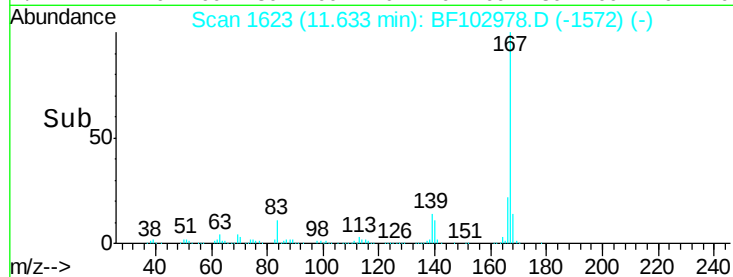
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Abundance Ion 167.00 (166.70 to 167.70): E
1500000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



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#73

Di-n-butylphthalate

Concen: 33.880 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

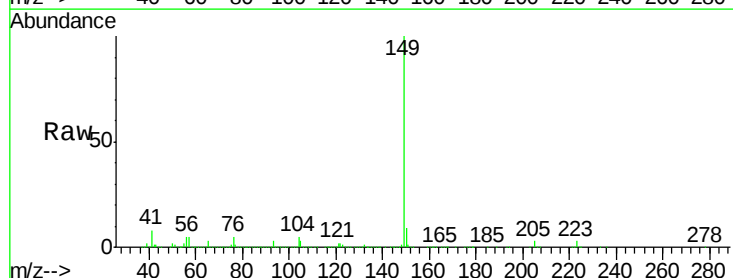
Tgt Ion:149 Resp: 1374093

Ion Ratio Lower Upper

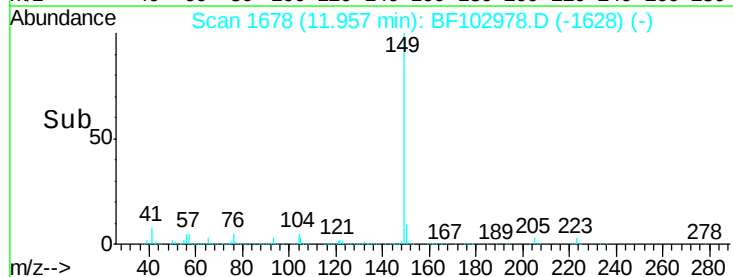
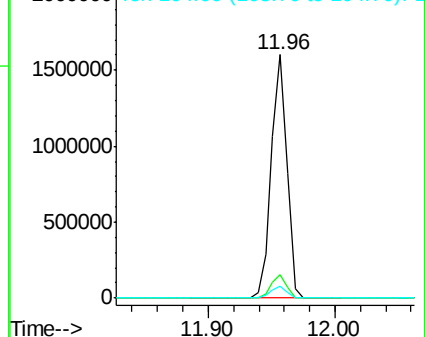
149 100

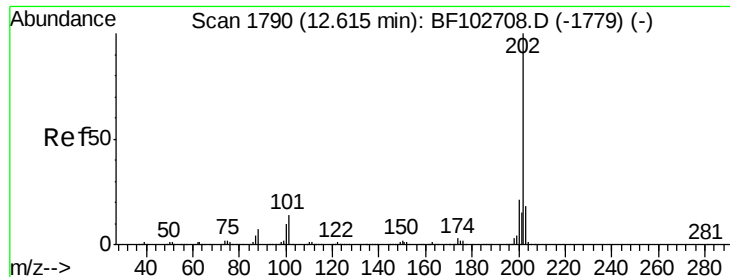
150 9.4 7.8 11.6

104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 32.007 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

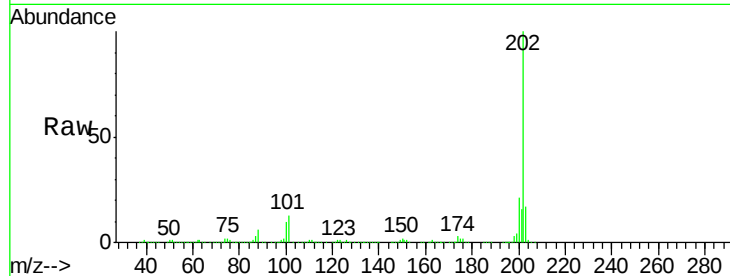
ClientSampleId :

PB106515BS

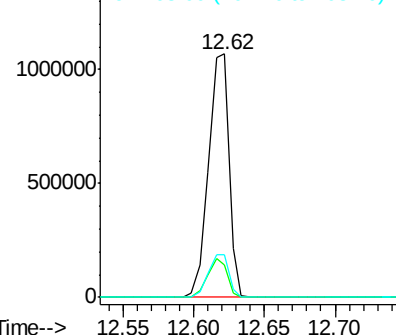
Tot Ion:	202	Resp:	1079055
Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.1
203	17.4	0.0	38.1

Manual Integrations
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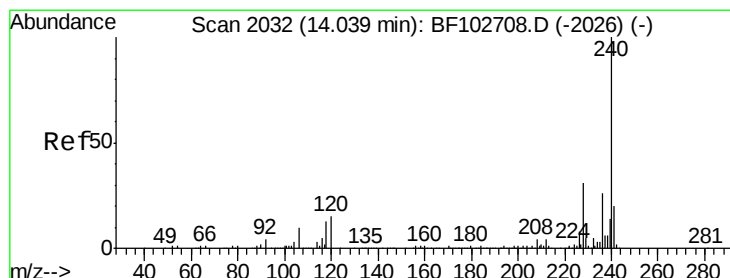
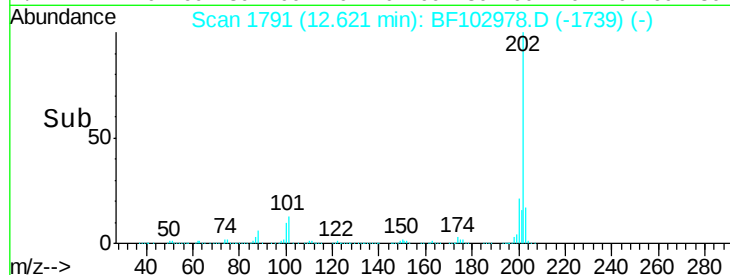
Sohil



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



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#75

Chrysene-d12

Concen: 20.000 ng

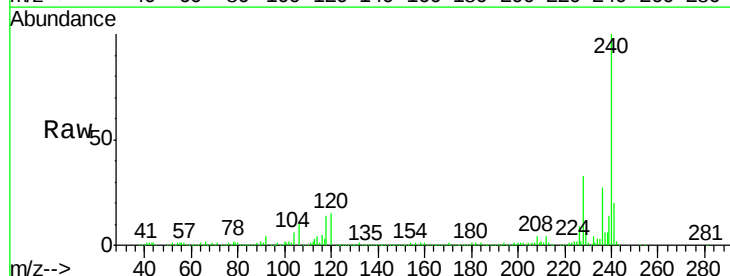
RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

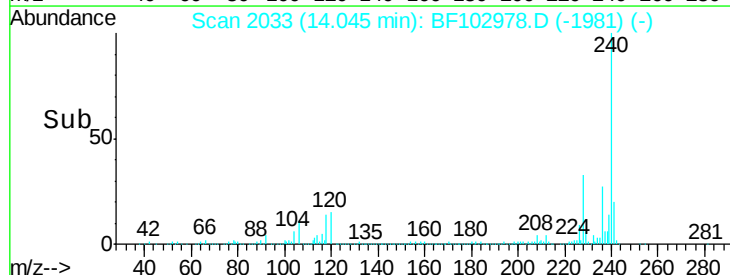
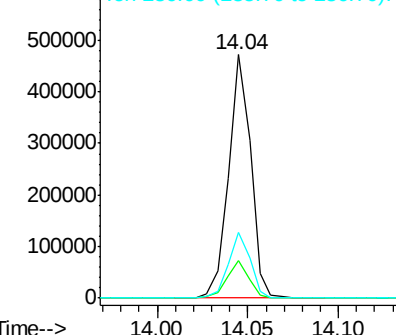
Lab File: BF102978.D

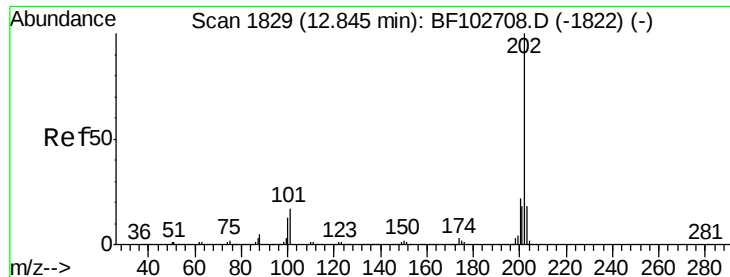
Acq: 14 Feb 2018 10:12

Tgt Ion:	240	Resp:	399759
Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	27.0	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: 35.184 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

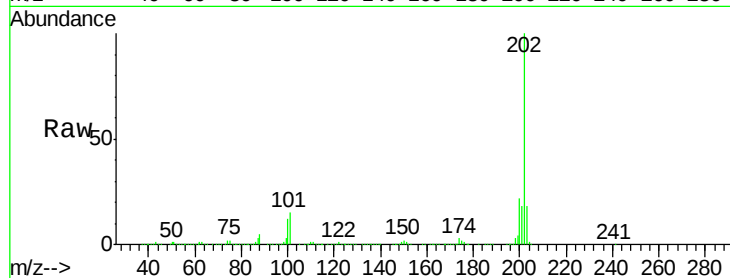
ClientSampled :

PB106515BS

Tot Ion:	202	Resp:	1102915
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.6	14.3	21.5

Manual Integrations
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Sohil

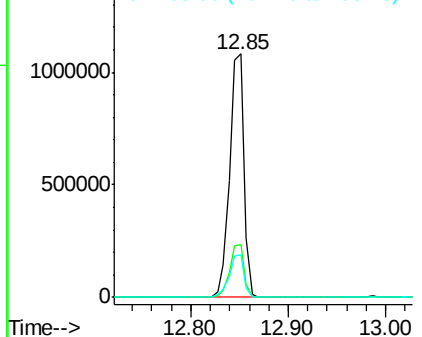


Abundance

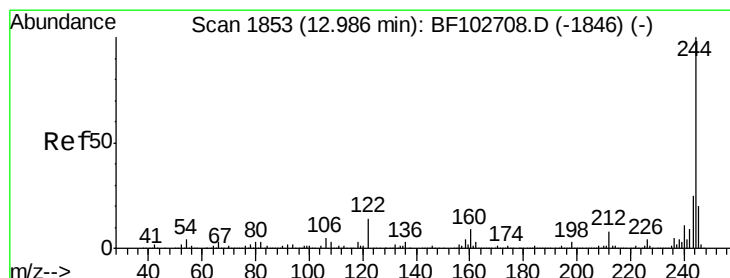
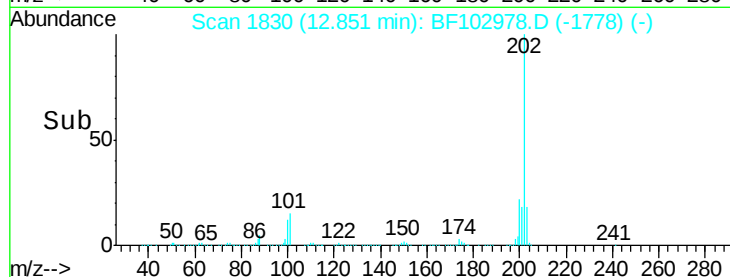
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



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#78

Terphenyl-d14

Concen: 93.414 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

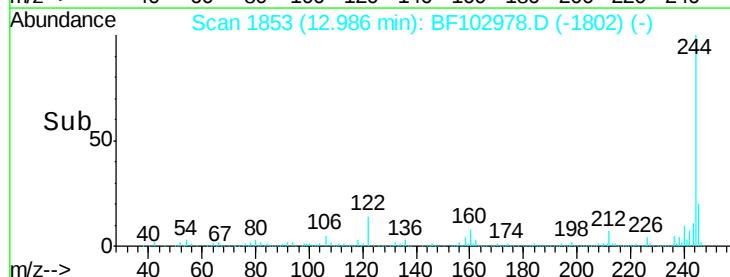
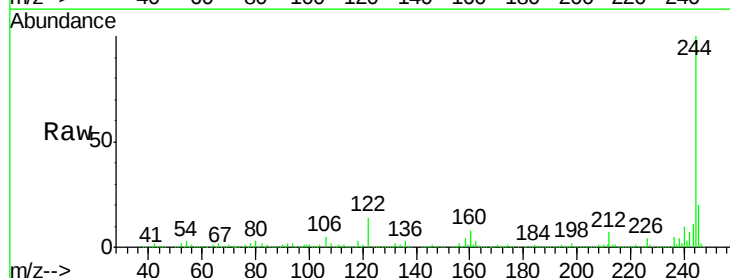
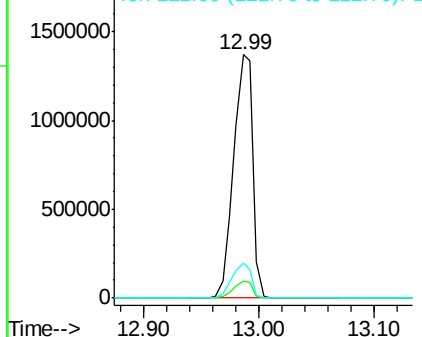
Tgt Ion:	244	Resp:	1577133
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.2	11.0	16.4

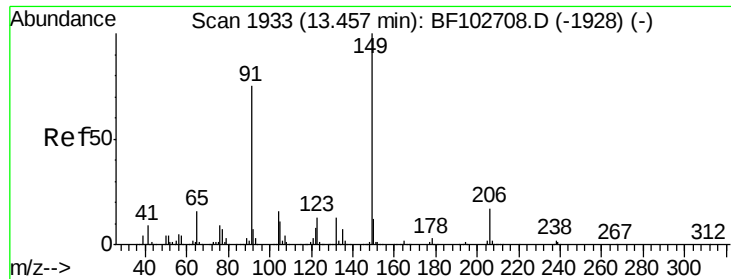
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 38.518 ng

RT: 13.46 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

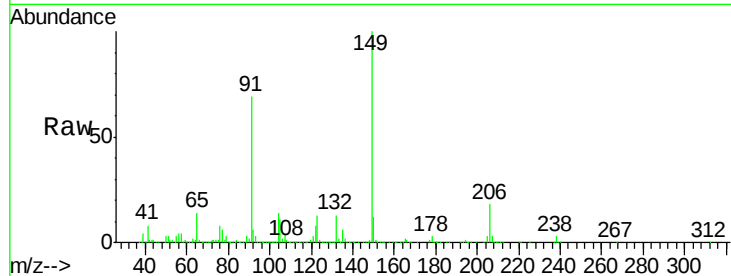
ClientSampleId :

PB106515BS

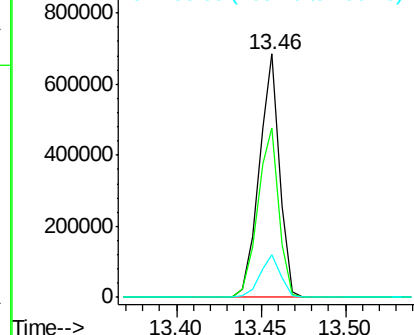
Tot Ion:	149	Resp:	574459
Ion Ratio	Lower	Upper	
149	100		
91	69.4	56.8	85.2
206	17.8	14.1	21.1

Manual Integrations
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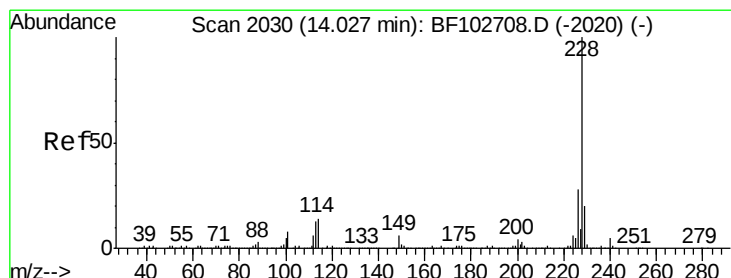
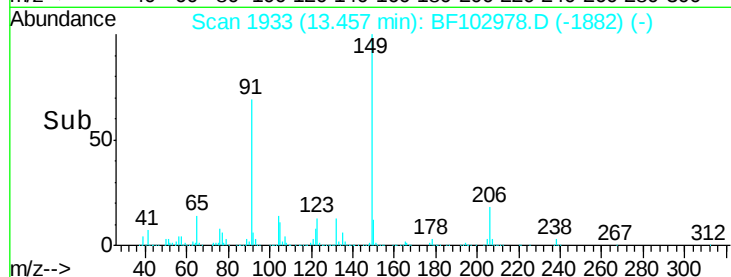
Sohil



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



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#80

Benzo(a)anthracene

Concen: 34.113 ng

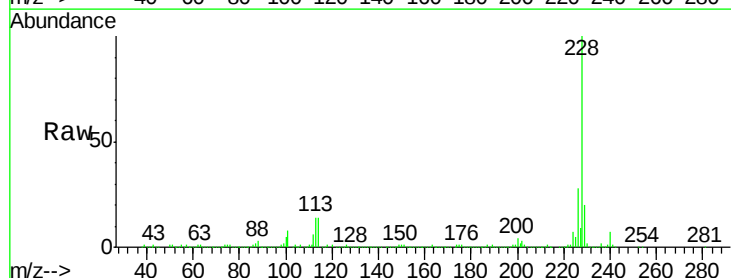
RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

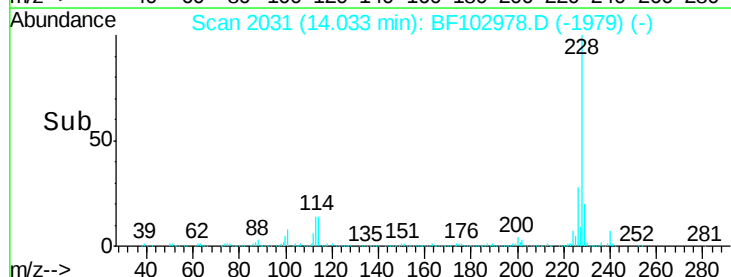
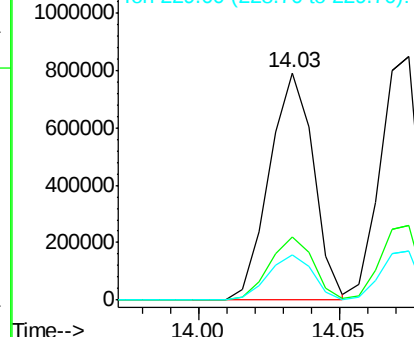
Lab File: BF102978.D

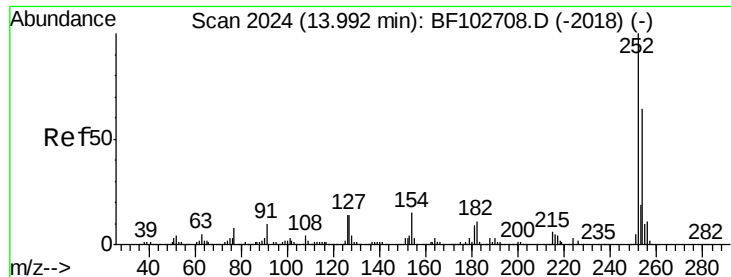
Acq: 14 Feb 2018 10:12

Tgt Ion:	228	Resp:	857629
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	33.8
229	19.8	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





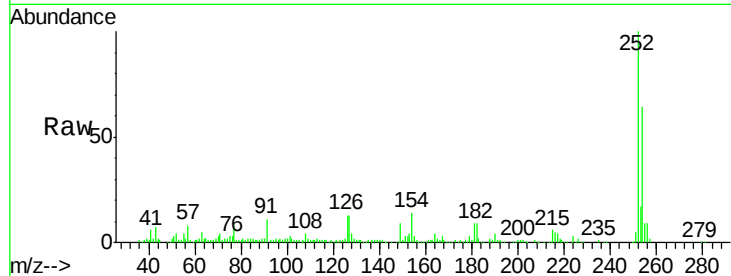
#81
 3,3'-Dichlorobenzidine
 Concen: 14.889 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BS

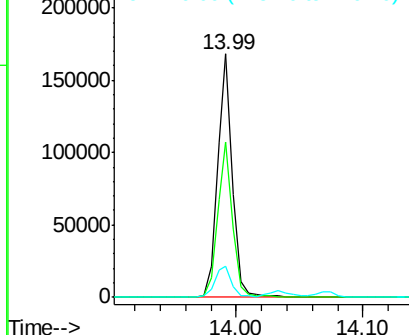
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.4	75.6
126	12.9	11.3	16.9

Manual Integrations
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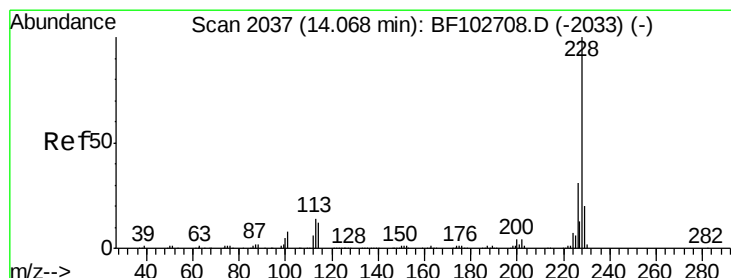
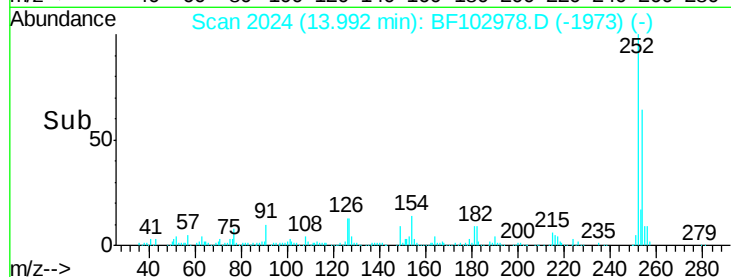
Sohil



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



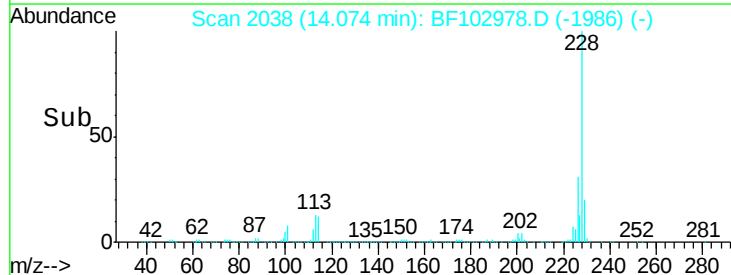
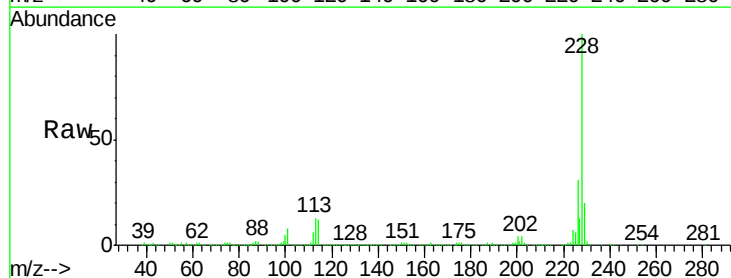
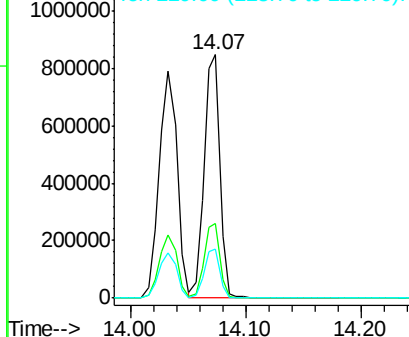
2/15/2018 11:06:10 AM

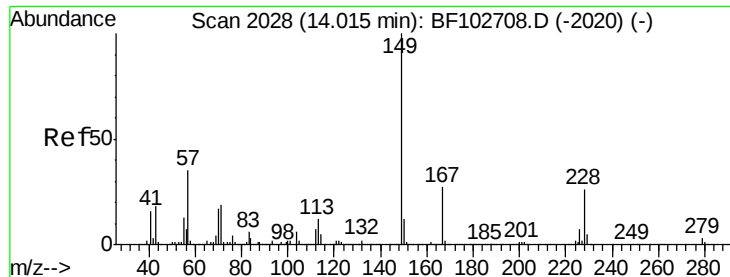


#82
 Chrysene
 Concen: 31.918 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.9	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





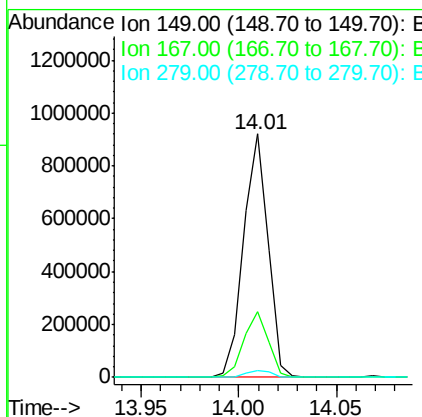
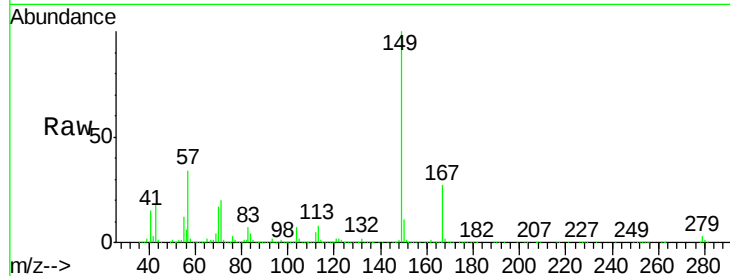
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.776 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106515BS

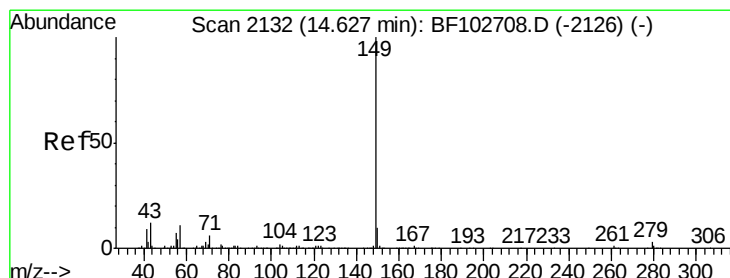
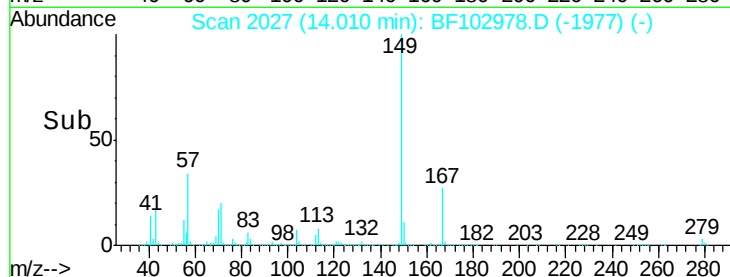
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.0	3.0	4.4

Manual Integrations
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Sohil

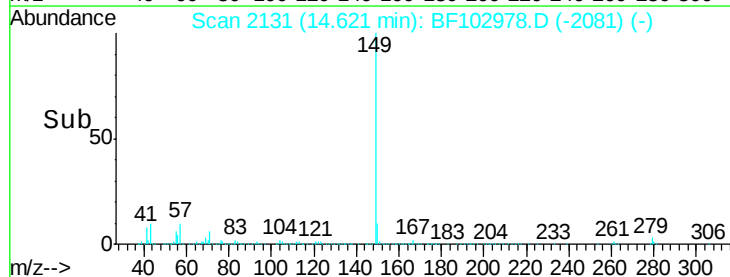
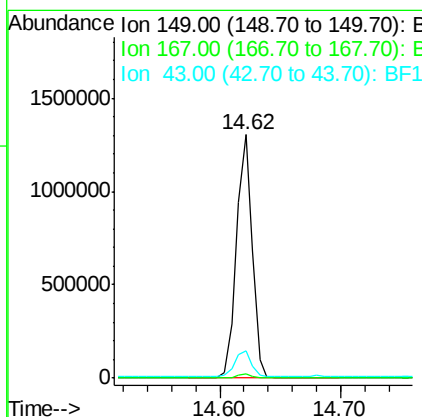
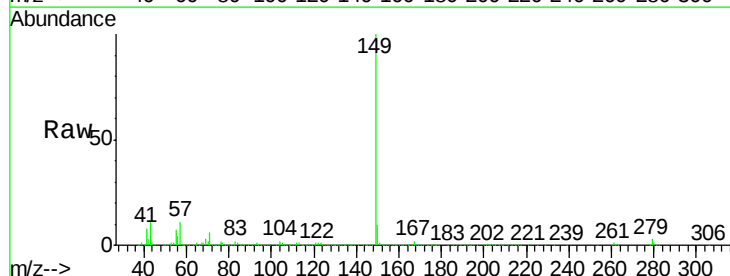


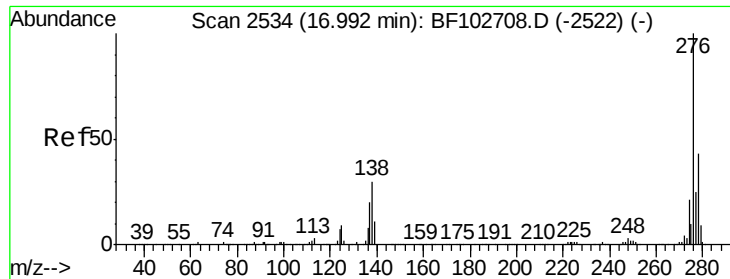
2/15/2018 11:06:10 AM



#84
 Di-n-octyl phthalate
 Concen: 41.248 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

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





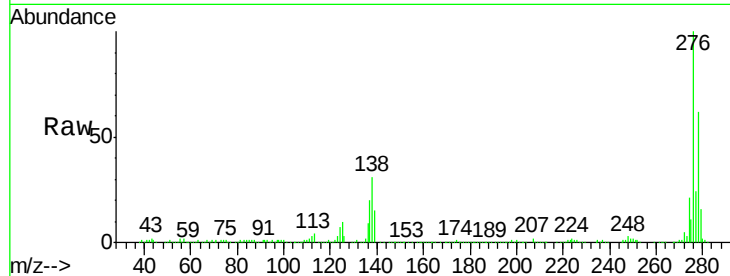
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.111 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.03 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :
PB106515BS

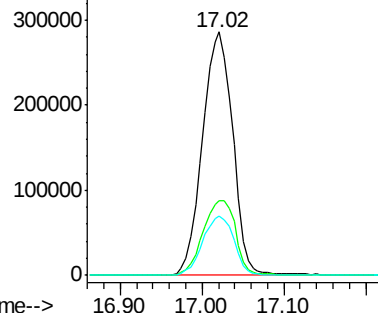
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.0	37.6
277	25.2	20.1	30.1

Manual Integrations
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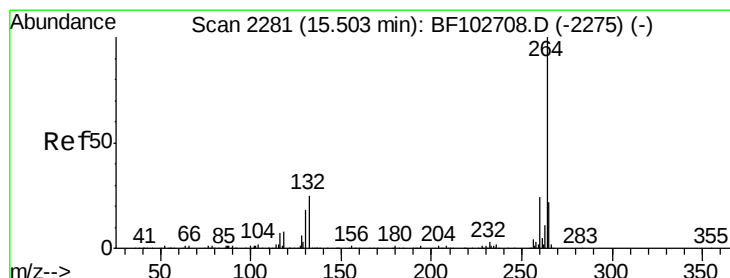
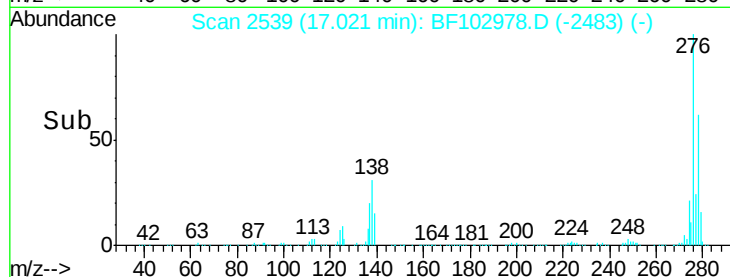
Sohil



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

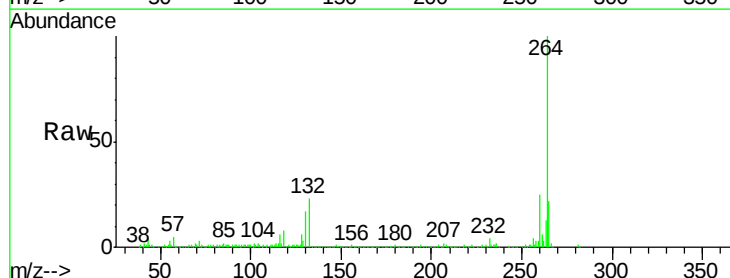


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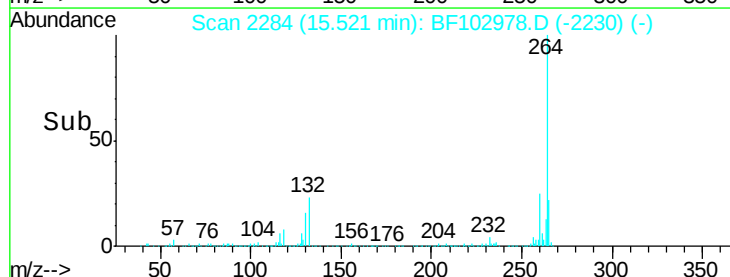
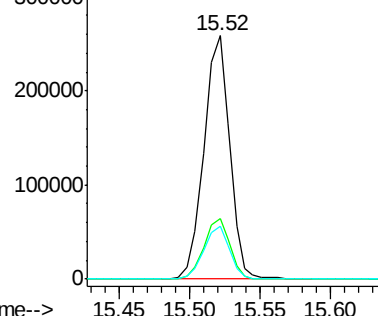


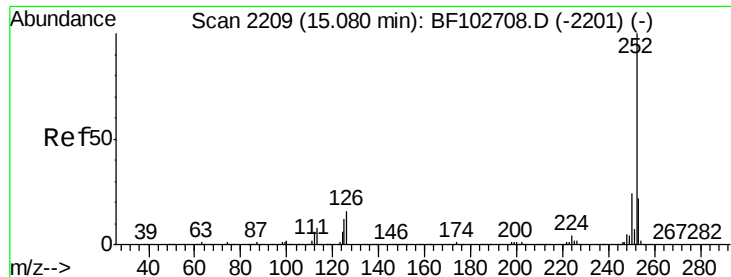
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.02 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.0	17.5	26.3



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





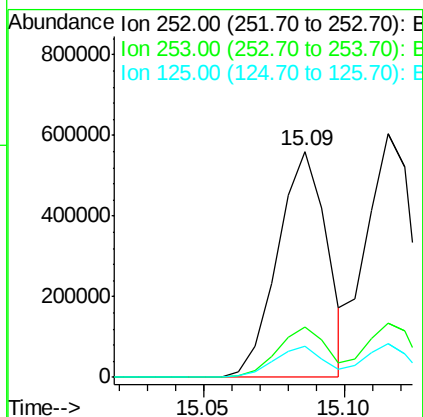
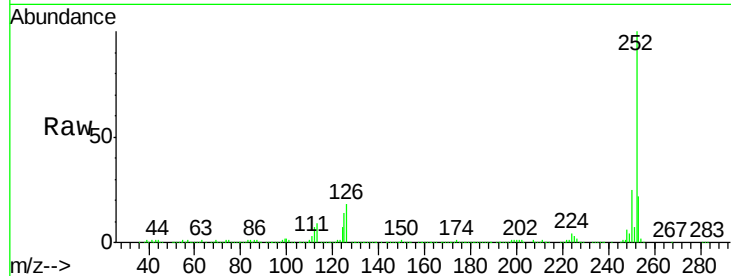
#87
Benzo(b)fluoranthene
Concen: 31.999 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :
PB106515BS

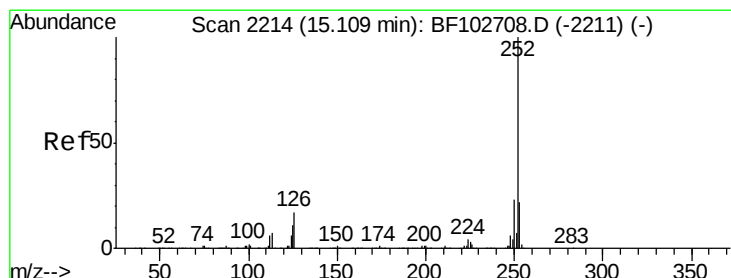
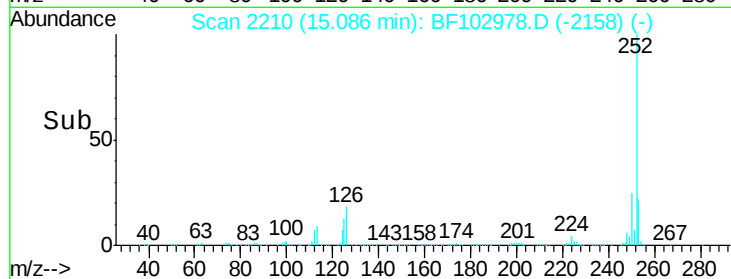
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	13.6	9.0	13.6

Manual Integrations
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Sohil

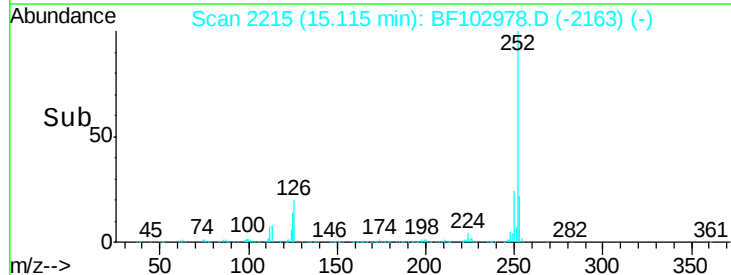
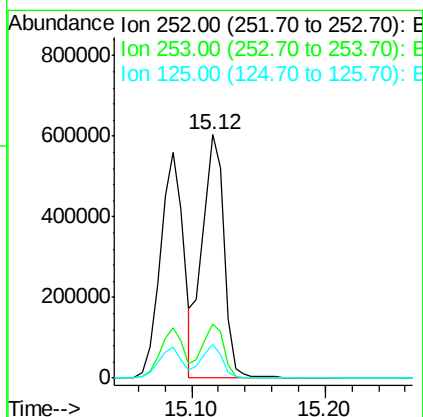
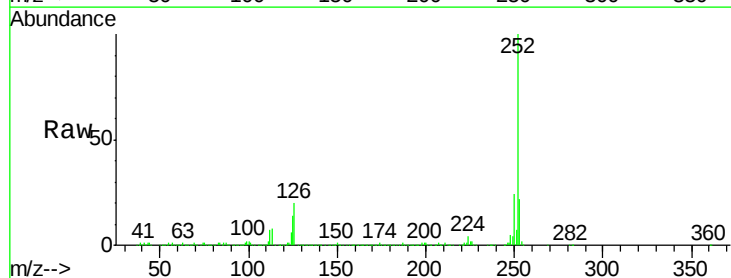


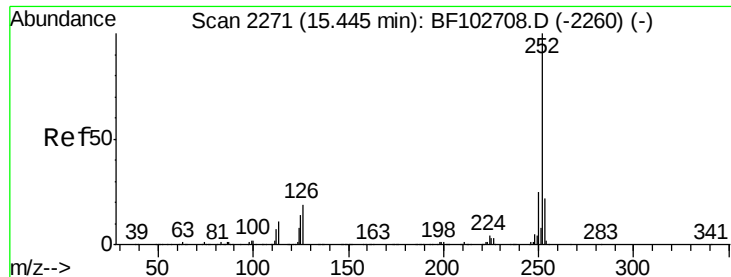
2/15/2018 11:06:10 AM



#88
Benzo(k)fluoranthene
Concen: 33.382 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	14.0	10.2	15.2





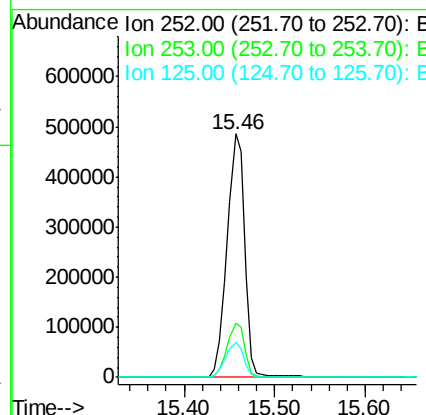
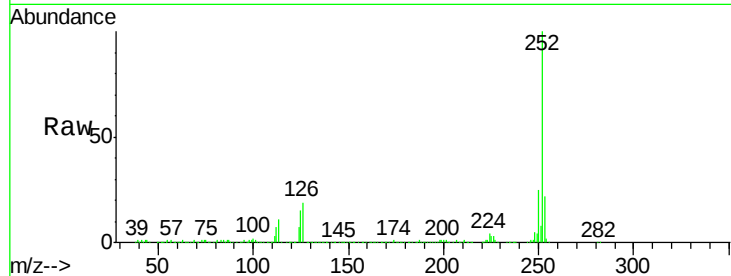
#89
Benzo(a)pyrene
Concen: 33.824 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :
PB106515BS

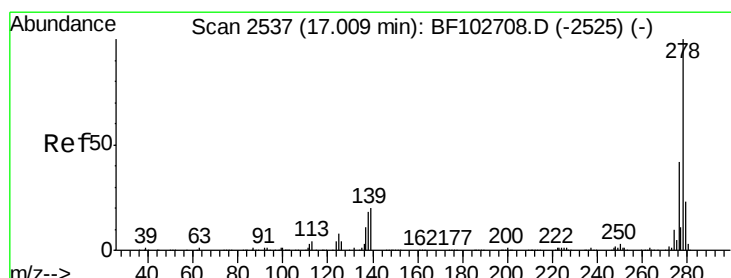
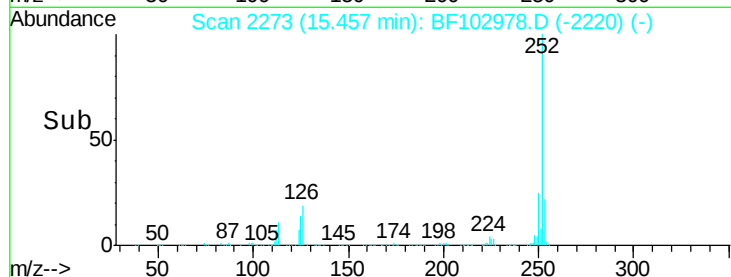
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	14.6	9.8	14.6

Manual Integrations
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Sohil

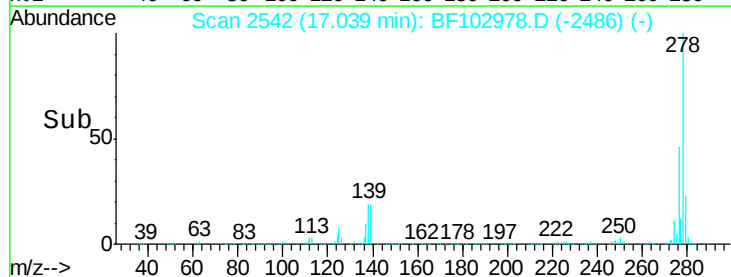
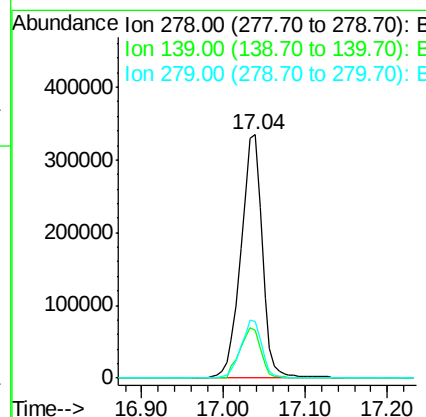
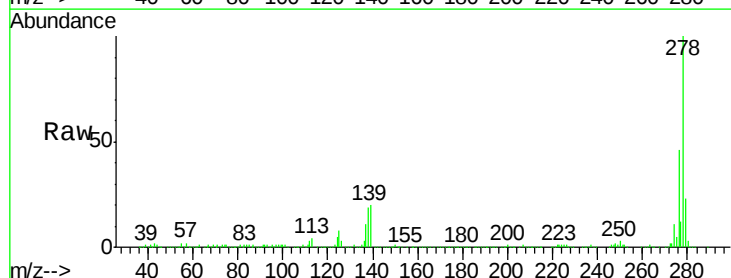


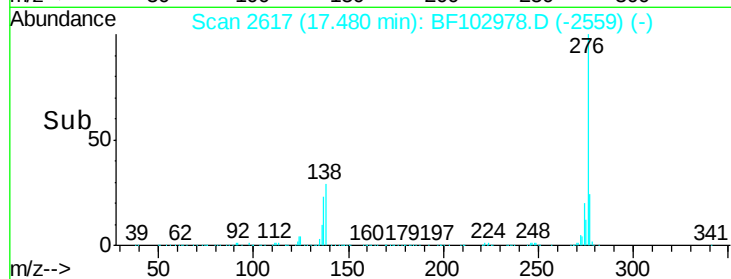
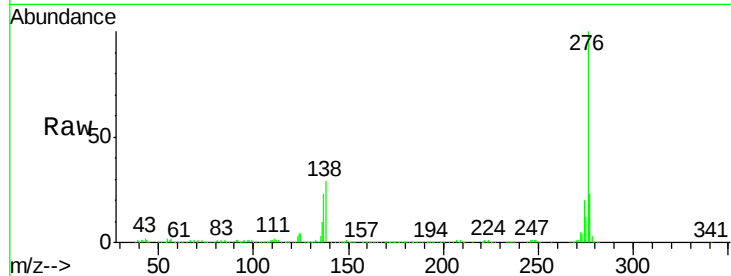
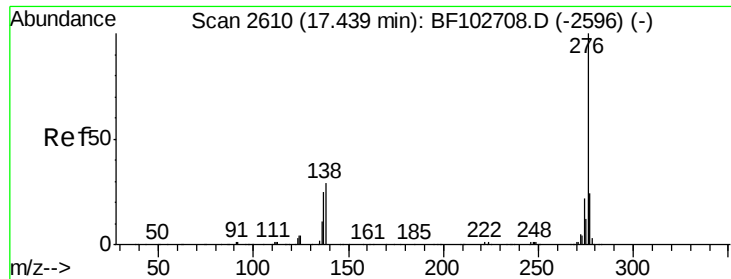
2/15/2018 11:06:10 AM



#90
Dibenzo(a,h)anthracene
Concen: 39.316 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.03 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.9	23.9
279	23.4	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 42.005 ng

RT: 17.48 min Scan# 2617

Delta R.T. 0.04 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	28.6	21.8	32.8

Instrument :

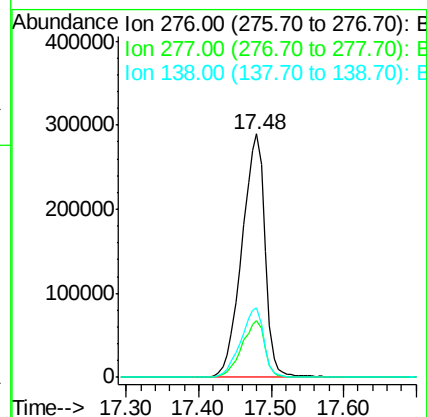
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ClientSampleId :

PB106515BS

Manual Integrations
APPROVED

Sohil



2/15/2018 11:06:10 AM