

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103093.D
 Acq On : 19 Feb 2018 20:04
 Operator : SJ/JU
 Sample : PB106643BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106643BS

Manual Integrations
 APPROVED

Sohil
 2/20/2018 10:20:47 AM

Quant Time: Feb 20 00:58:06 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	189200	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	779152	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	341864	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	549201	20.00	ng	0.00
75) Chrysene-d12	14.05	240	305891	20.00	ng	0.00
86) Perylene-d12	15.54	264	329636	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1348460	108.24	ng	0.02
7) Phenol-d6	6.52	99	1624055	108.27	ng	0.00
23) Nitrobenzene-d5	7.45	82	1058909	94.28	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	316251	114.93	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1626814	78.96	ng	0.00
78) Terphenyl-d14	12.99	244	1214480	94.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	218051	35.436	ng	90
3) Pyridine	3.52	79	631557	37.148	ng	94
4) n-Nitrosodimethylamine	3.46	42	296903	40.817	ng	95
6) Aniline	6.55	93	493158	22.262	ng	97
8) 2-Chlorophenol	6.67	128	505958	39.448	ng	96
9) Benzaldehyde	6.43	77	93341	8.379	ng	98
10) Phenol	6.53	94	643372	40.021	ng	88
11) bis(2-Chloroethyl)ether	6.62	93	511930	38.269	ng	94
12) 1,3-Dichlorobenzene	6.82	146	538522	36.258	ng	99
13) 1,4-Dichlorobenzene	6.89	146	545612	36.877	ng	99
14) 1,2-Dichlorobenzene	7.05	146	491714	35.682	ng	99
15) Benzyl Alcohol	7.02	79	434545	37.679	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	879889	34.626	ng	99
17) 2-Methylphenol	7.13	107	450470	38.076	ng	98
18) Hexachloroethane	7.39	117	200401	39.500	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	340918	34.470	ng	97
20) 3+4-Methylphenols	7.29	107	495726	33.978	ng	# 67
22) Acetophenone	7.29	105	672271	35.259	ng	# 89
24) Nitrobenzene	7.46	77	563220	42.627	ng	98
25) Isophorone	7.70	82	1041811	40.282	ng	98
26) 2-Nitrophenol	7.78	139	293011	52.903	ng	97
27) 2,4-Dimethylphenol	7.82	122	485654	44.447	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	657227	42.898	ng	98
29) 2,4-Dichlorophenol	8.02	162	423089	42.595	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	414783	36.913	ng	98
31) Naphthalene	8.19	128	1413239	37.124	ng	100
32) Benzoic acid	7.95	122	309870	42.287	ng	99
33) 4-Chloroaniline	8.23	127	158149	9.644	ng	97
34) Hexachlorobutadiene	8.29	225	212729	36.945	ng	99
35) Caprolactam	8.61	113	153255m	44.427	ng	
36) 4-Chloro-3-methylphenol	8.72	107	468699	41.997	ng	98
37) 2-Methylnaphthalene	8.87	142	953552	38.259	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	363335	39.033	ng	99
40) Hexachlorocyclopentadiene	9.02	237	187226	42.311	ng	100

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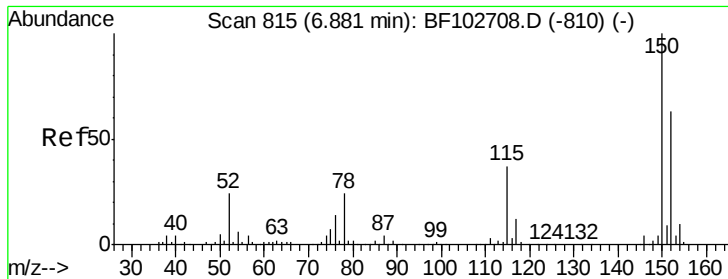
Manual Integrations
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Sohil
 2/20/2018 10:20:47 AM

Quant Time: Feb 20 00:58:06 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	260795	42.656	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	279832	40.608	ng	94
45) 1,1'-Biphenyl	9.34	154	1076582	37.389	ng	99
46) 2-Chloronaphthalene	9.37	162	864601	38.140	ng	97
47) 2-Nitroaniline	9.46	65	322263	46.210	ng	91
48) Acenaphthylene	9.78	152	1279255	36.334	ng	99
49) Dimethylphthalate	9.64	163	1049591	39.376	ng	100
50) 2,6-Dinitrotoluene	9.70	165	233154	45.975	ng	96
51) Acenaphthene	9.95	154	744514	35.359	ng	98
52) 3-Nitroaniline	9.87	138	165394	26.506	ng	95
53) 2,4-Dinitrophenol	9.99	184	156397	86.609	ng	# 20
54) Dibenzofuran	10.13	168	1123910	37.876	ng	99
55) 4-Nitrophenol	10.05	139	354713	69.717	ng	94
56) 2,4-Dinitrotoluene	10.11	165	300704	44.455	ng	97
57) Fluorene	10.47	166	849718	39.358	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	207019	43.345	ng	99
59) Diethylphthalate	10.33	149	988405	37.553	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	383706	40.176	ng	98
61) 4-Nitroaniline	10.49	138	251514	42.346	ng	93
62) Azobenzene	10.62	77	984620	37.447	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	112661	48.945	ng	96
65) n-Nitrosodiphenylamine	10.58	169	785486	40.548	ng	99
66) 4-Bromophenyl-phenylether	10.95	248	235545	40.545	ng	97
67) Hexachlorobenzene	11.02	284	245670	38.332	ng	97
68) Atrazine	11.10	200	237786	41.608	ng	99
69) Pentachlorophenol	11.22	266	220973	58.735	ng	98
70) Phenanthrene	11.43	178	1143896	37.398	ng	99
71) Anthracene	11.49	178	1180941	37.960	ng	99
72) Carbazole	11.64	167	1118056	36.684	ng	99
73) Di-n-butylphthalate	11.96	149	1485133	40.114	ng	99
74) Fluoranthene	12.62	202	1022247	33.218	ng	99
76) Benzidine	12.74	184	440388	31.325	ng	97
77) Pyrene	12.85	202	1006960	41.980	ng	99
79) Butylbenzylphthalate	13.46	149	541139	47.181	ng	99
80) Benzo(a)anthracene	14.04	228	795747	41.364	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	247606	34.713	ng	99
82) Chrysene	14.08	228	750654	38.708	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	723257	49.221	ng	# 100
84) Di-n-octyl phthalate	14.63	149	1164788	52.793	ng	99
85) Indeno(1,2,3-cd)pyrene	17.05	276	759345	47.212	ng	99
87) Benzo(b)fluoranthene	15.10	252	794968	37.198	ng	97
88) Benzo(k)fluoranthene	15.13	252	775337	37.969	ng	99
89) Benzo(a)pyrene	15.48	252	765907	39.814	ng	97
90) Dibenzo(a,h)anthracene	17.06	278	638123	40.869	ng	98
91) Benzo(g,h,i)perylene	17.51	276	609159	39.859	ng	97

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



#1

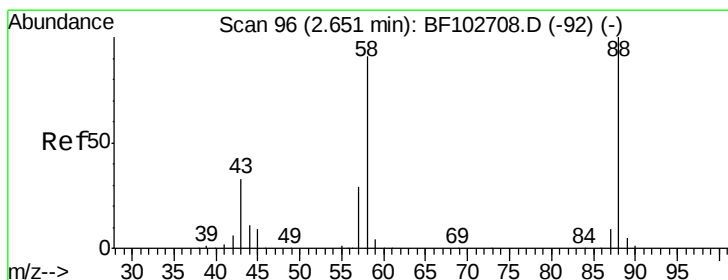
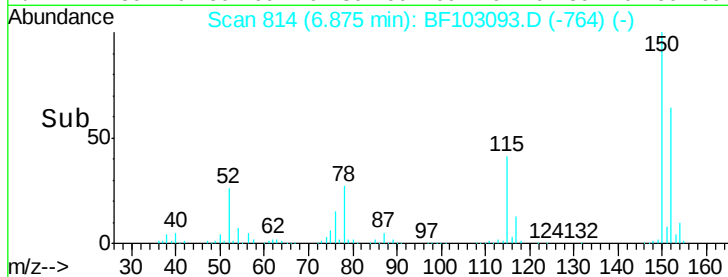
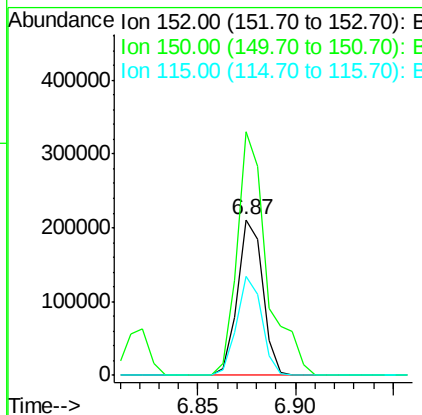
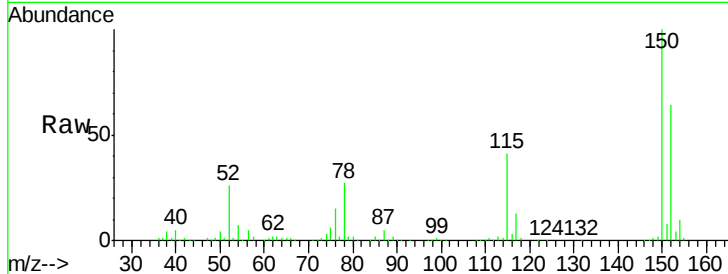
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :
PB106643BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	63.4	50.1	75.1

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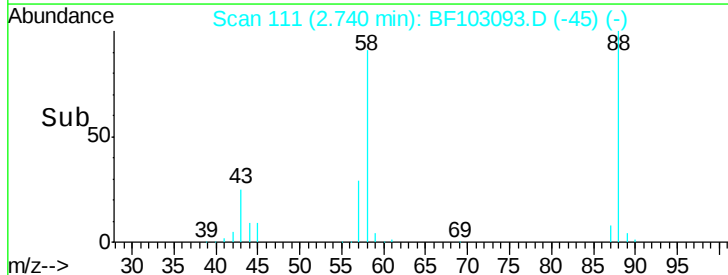
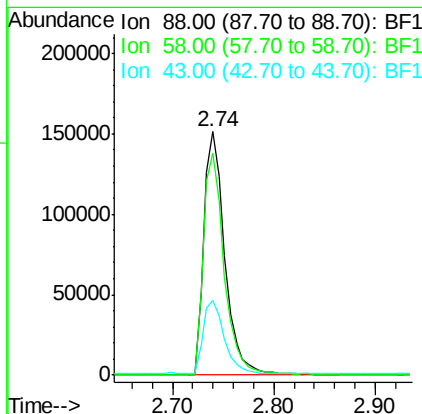
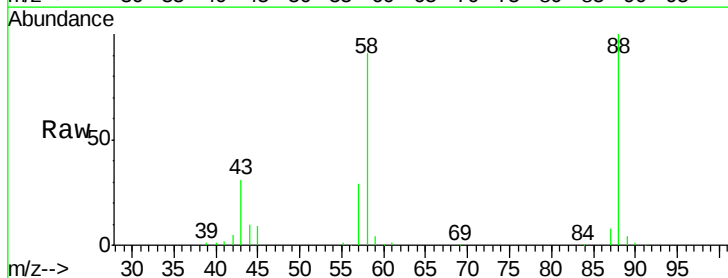
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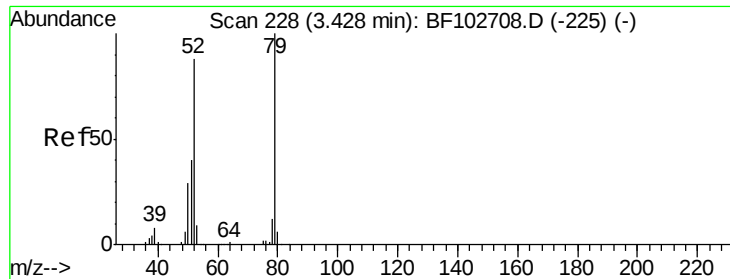


#2

1,4-Dioxane
Concen: 35.436 ng
RT: 2.74 min Scan# 111
Delta R.T. 0.09 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.1	62.6	93.8
43	29.8	24.6	37.0





#3

Pyridine

Concen: 37.148 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.09 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

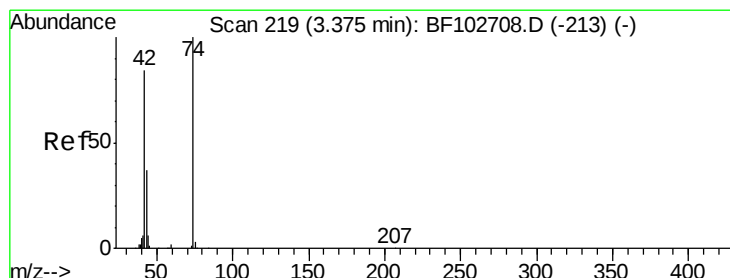
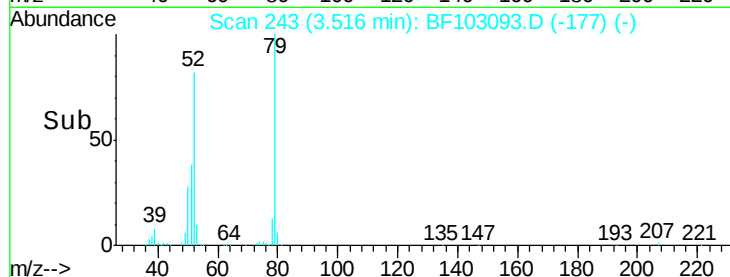
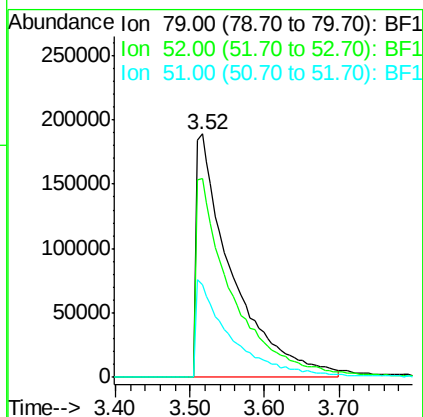
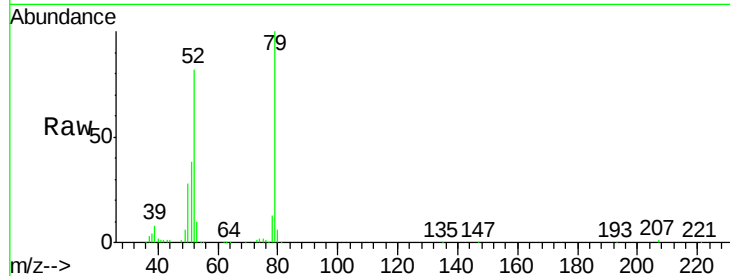
ClientSampleId :

PB106643BS

Tgt Ion:	79	Resp:	631557
Ion Ratio	Lower	Upper	
79	100		
52	81.6	59.8	89.6
51	38.0	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.817 ng

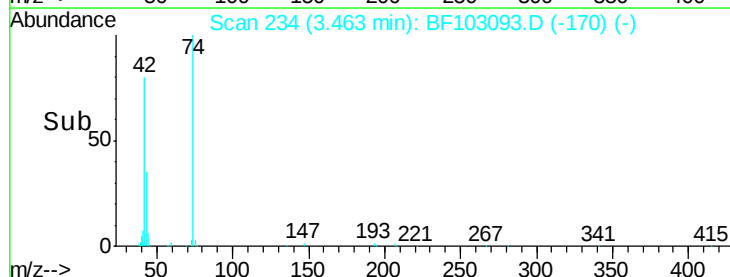
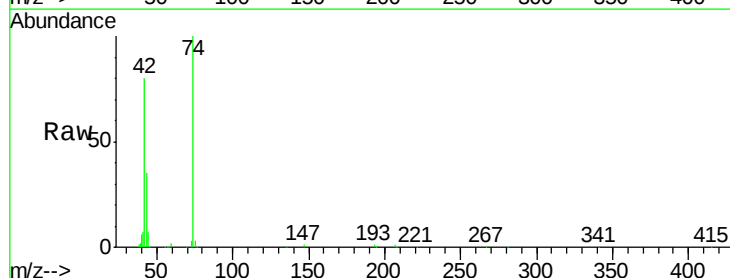
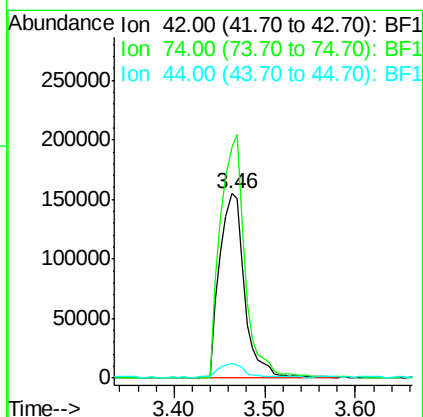
RT: 3.46 min Scan# 234

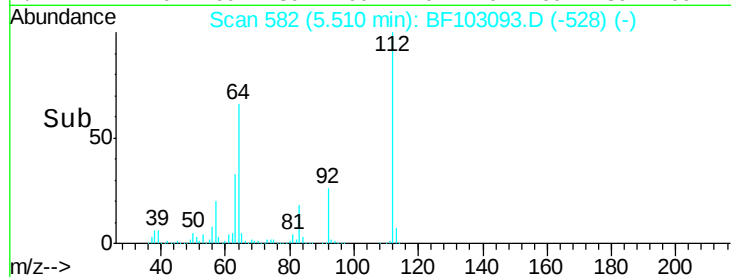
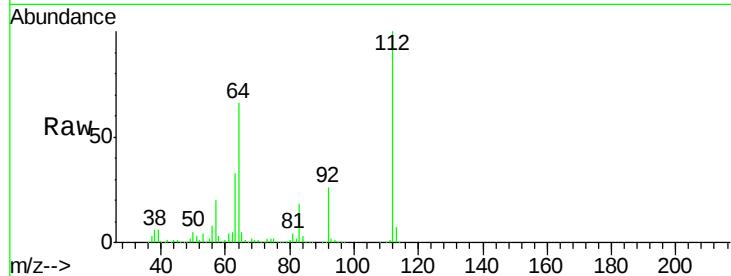
Delta R.T. 0.08 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Tgt Ion:	42	Resp:	296903
Ion Ratio	Lower	Upper	
42	100		
74	125.0	104.9	157.3
44	8.2	6.9	10.3





#5

2-Fluorophenol

Concen: 108.238 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Tgt Ion:	112	Resp:	1348460
Ion Ratio	Lower	Upper	
112	100		
64	66.1	47.9	71.9
63	33.4	23.7	35.5

Instrument :

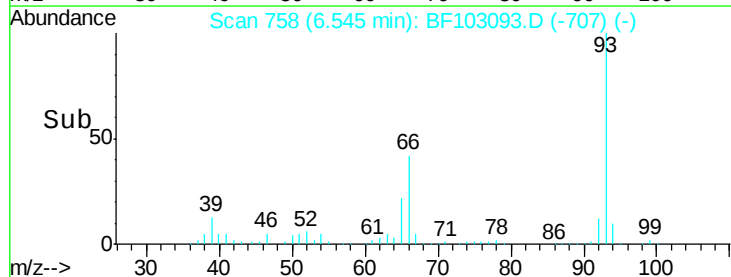
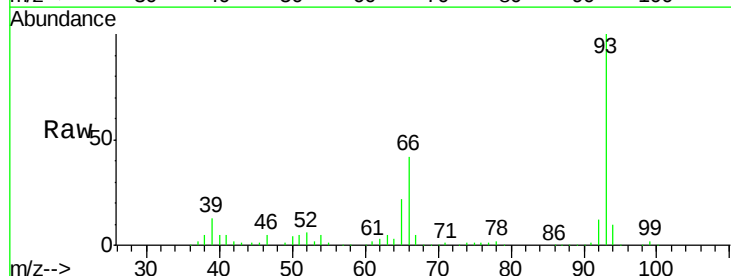
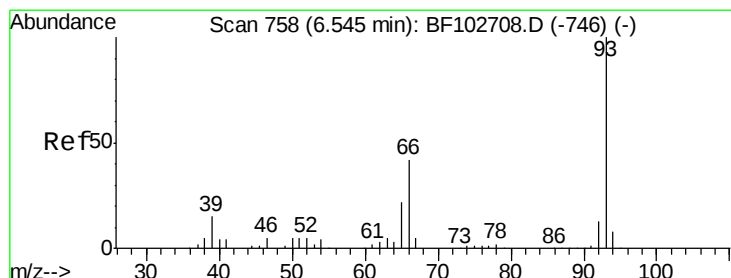
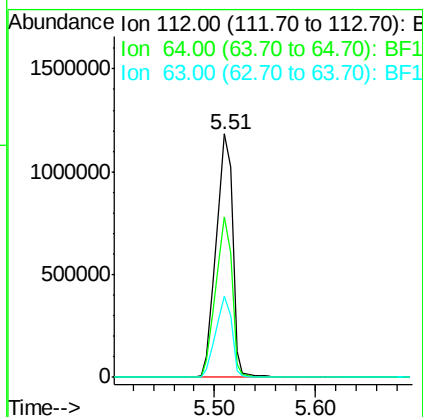
BNA_F

ClientSampleId :

PB106643BS

Manual Integrations
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#6

Aniline

Concen: 22.262 ng

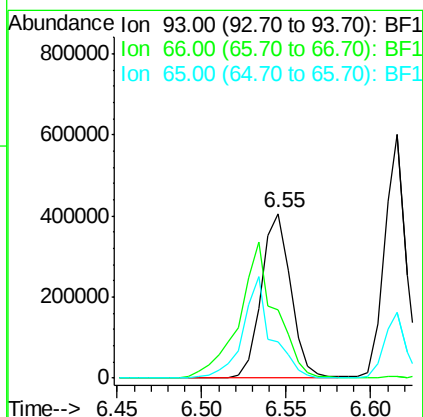
RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Tgt Ion:	93	Resp:	493158
Ion Ratio	Lower	Upper	
93	100		
66	41.7	32.2	48.2
65	21.9	16.4	24.6





#7

Phenol-d6

Concen: 108.266 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampleId :

PB106643BS

Tgt Ion: 99 Resp: 1624055

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

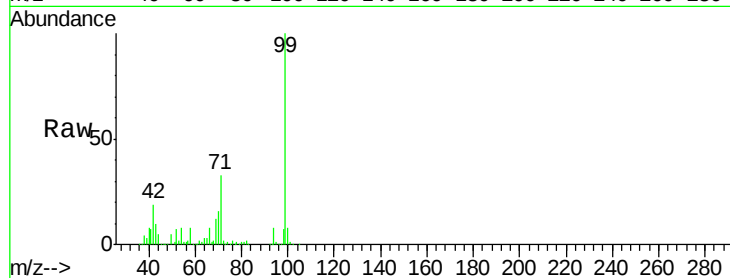
71 33.3 25.4 38.0

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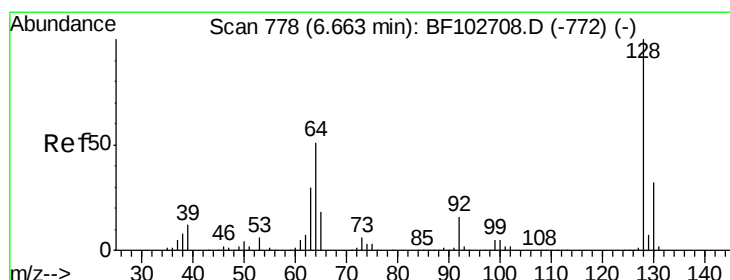
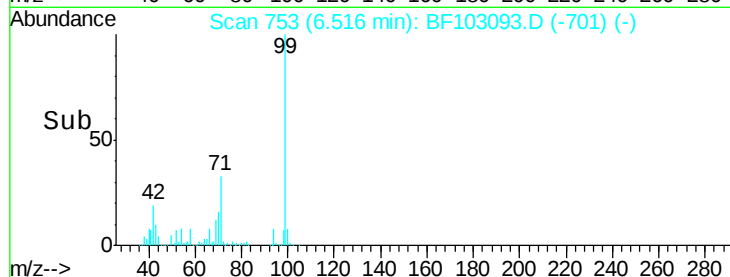
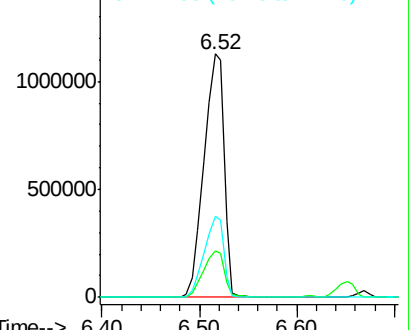
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.448 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

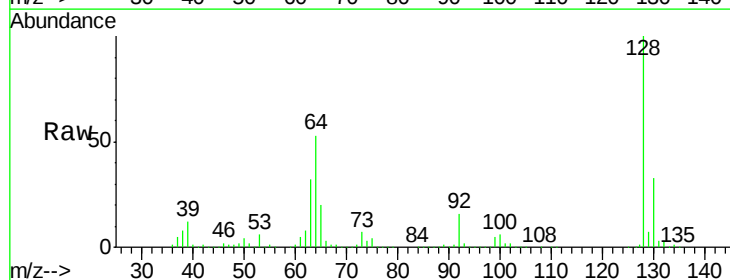
Tgt Ion: 128 Resp: 505958

Ion Ratio Lower Upper

128 100

130 33.4 13.0 53.0

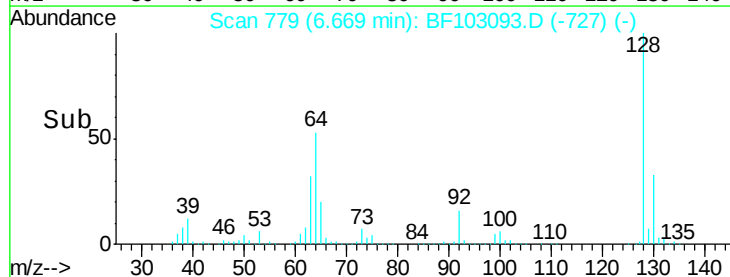
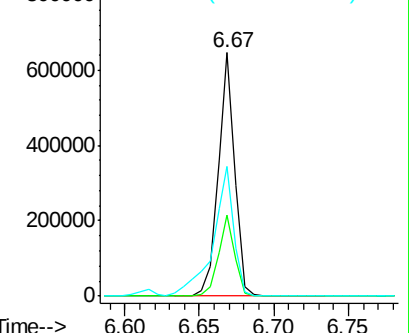
64 53.5 29.4 69.4

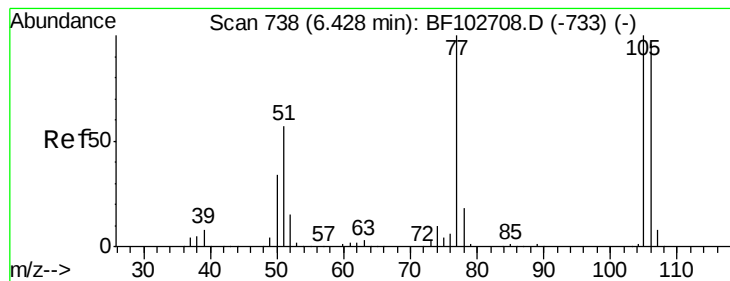


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 8.379 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

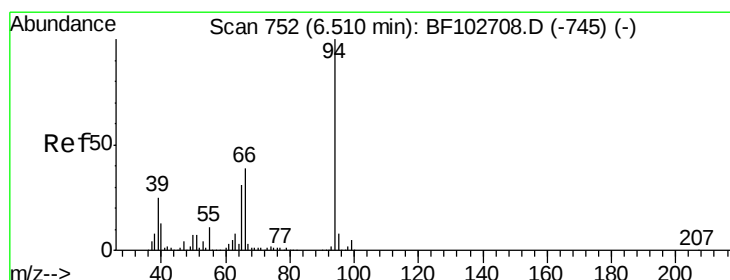
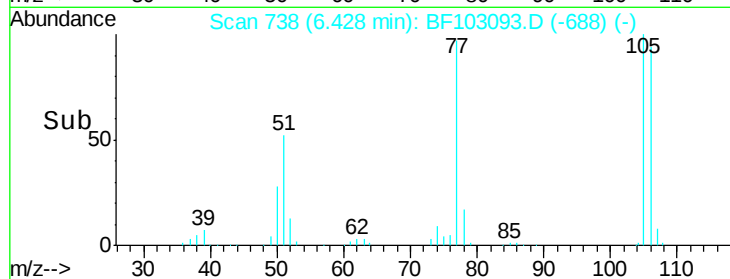
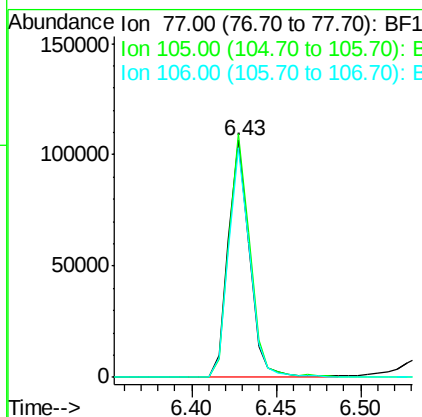
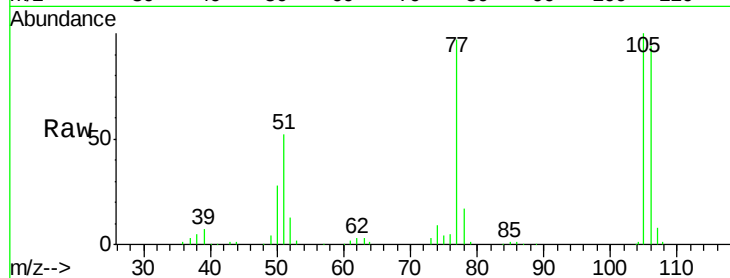
ClientSampleId :

PB106643BS

Tgt Ion:	77	Resp:	93341
Ion	Ratio	Lower	Upper
77	100		
105	102.8	81.1	121.1
106	96.7	74.5	114.5

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#10

Phenol

Concen: 40.021 ng

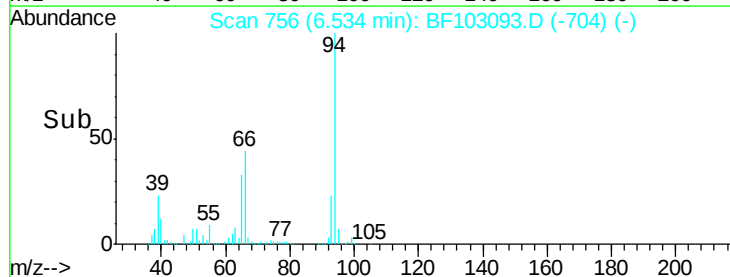
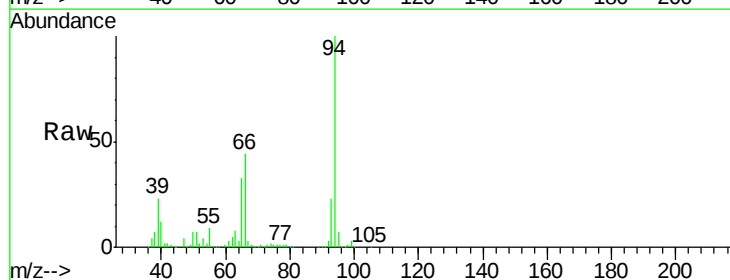
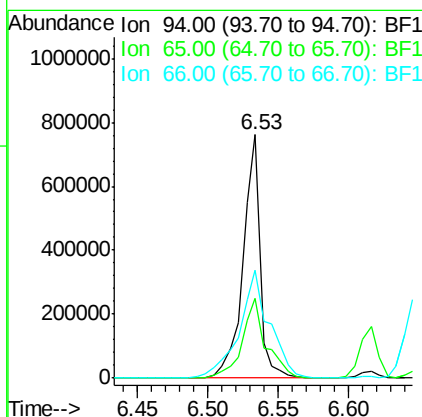
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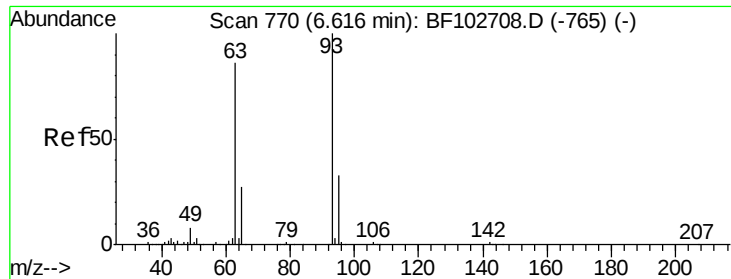
Delta R.T. 0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Tgt Ion:	94	Resp:	643372
Ion	Ratio	Lower	Upper
94	100		
65	32.7	7.9	47.9
66	44.2	16.2	56.2





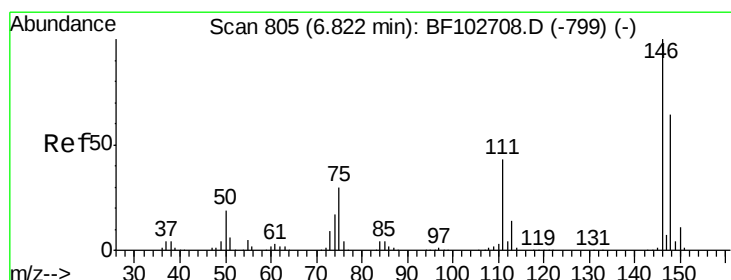
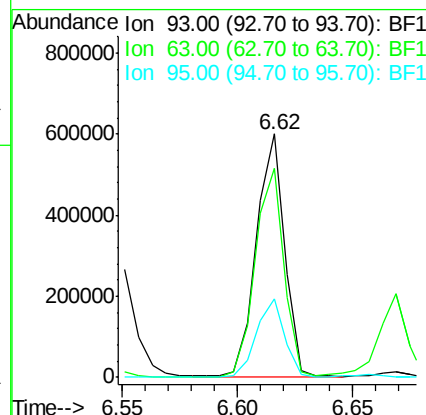
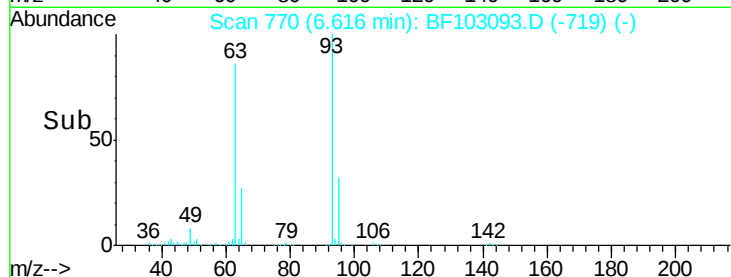
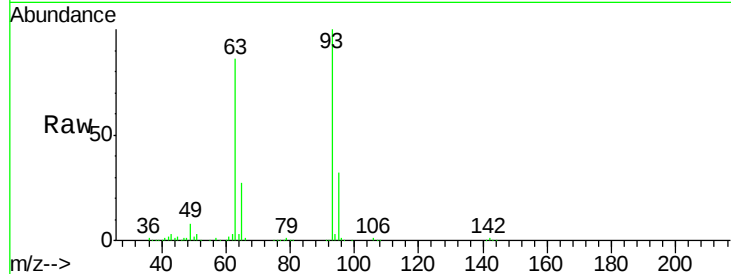
#11
bis(2-Chloroethyl)ether
Concen: 38.269 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :
PB106643BS

Tgt Ion:	93	Resp:	511930
Ion	Ratio	Lower	Upper
93	100		
63	86.1	58.6	98.6
95	32.4	11.8	51.8

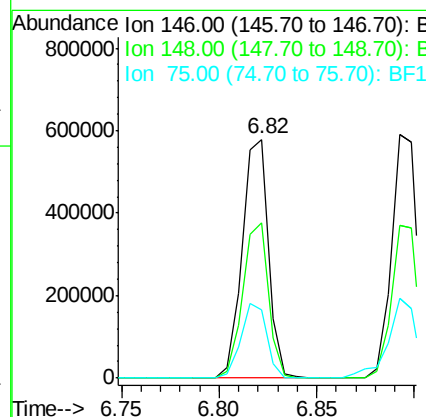
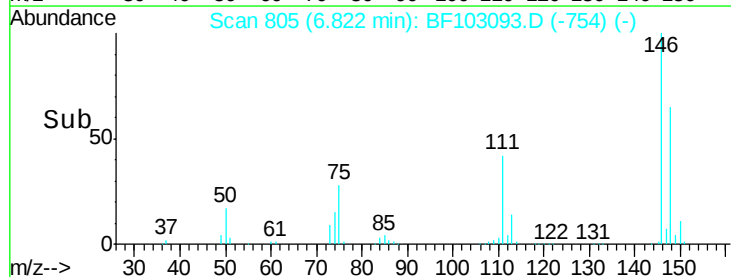
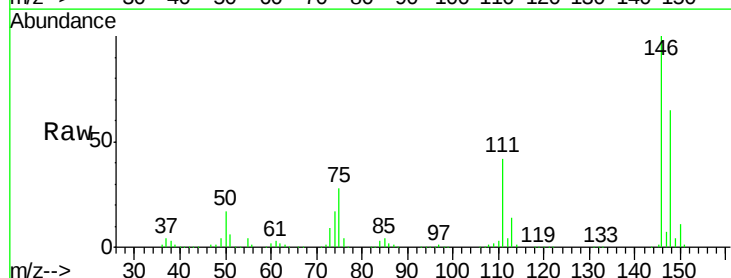
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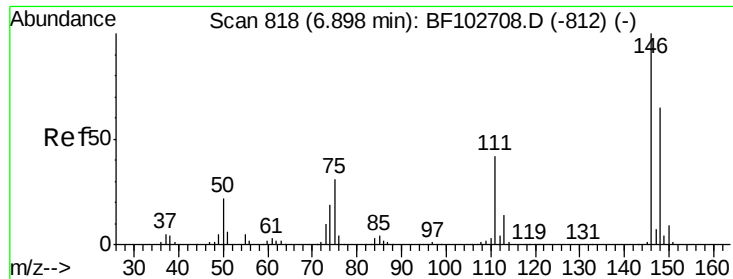
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#12
1,3-Dichlorobenzene
Concen: 36.258 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion:	146	Resp:	538522
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	28.4	24.2	36.4





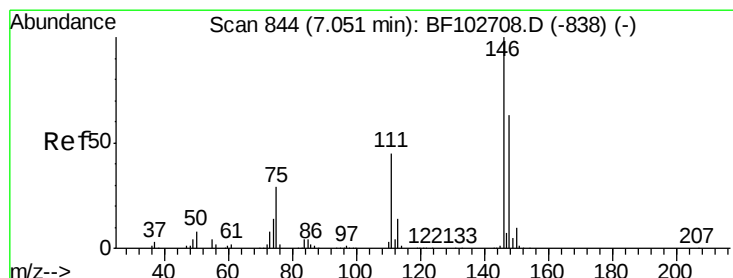
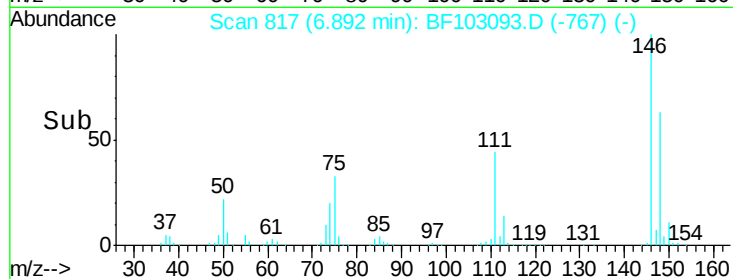
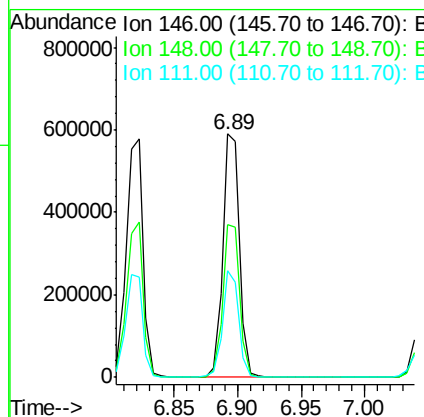
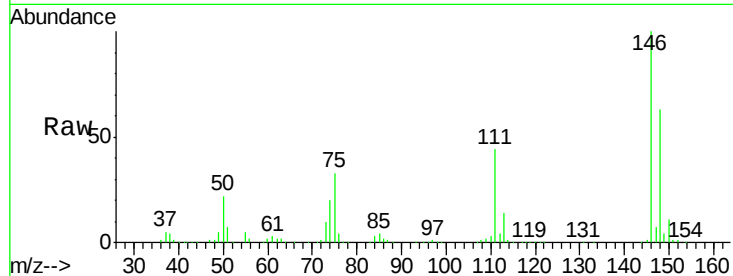
#13
 1,4-Dichlorobenzene
 Concen: 36.877 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB106643BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	545612		
148	63.0	50.8	76.2	
111	43.7	34.2	51.2	

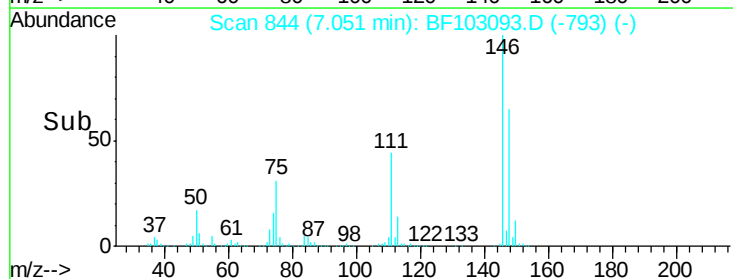
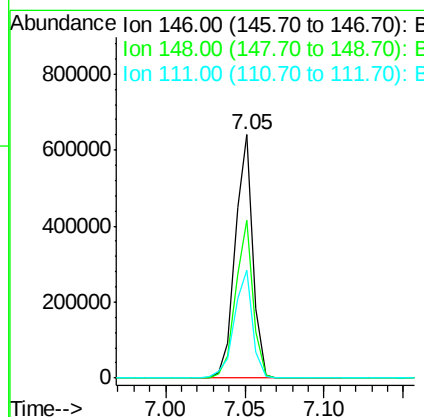
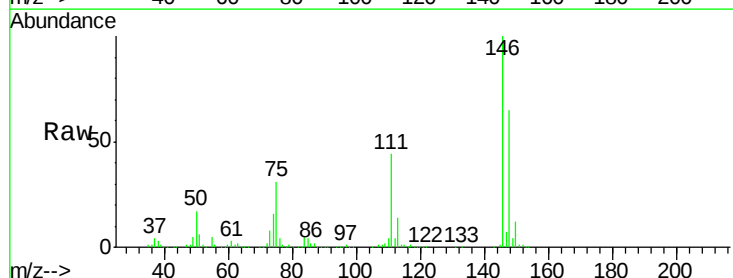
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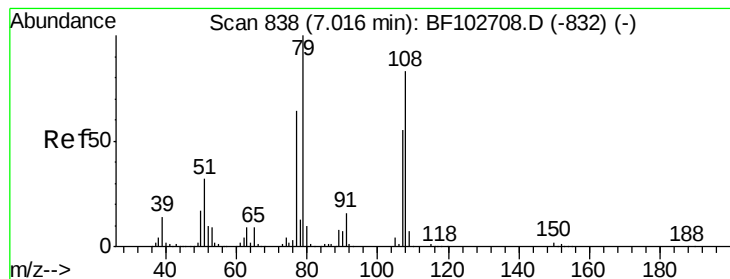
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#14
 1,2-Dichlorobenzene
 Concen: 35.682 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	491714		
148	64.7	50.6	75.8	
111	44.4	36.0	54.0	





#15

Benzyl Alcohol

Concen: 37.679 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

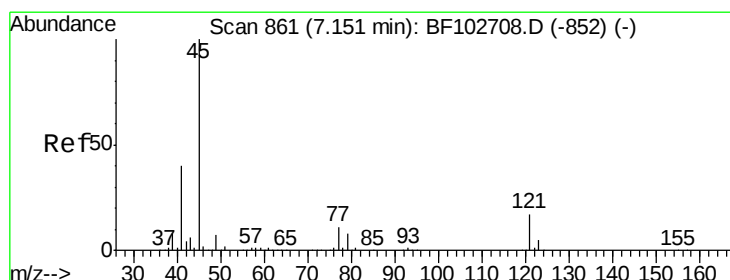
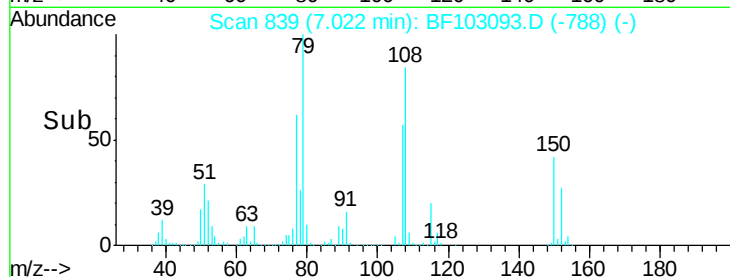
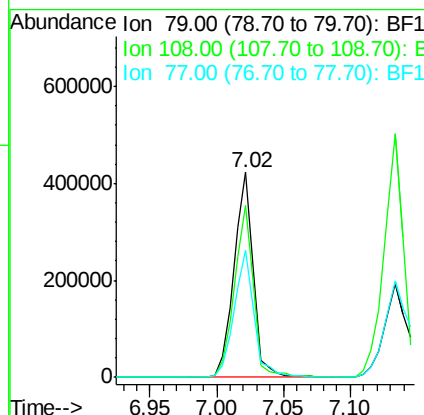
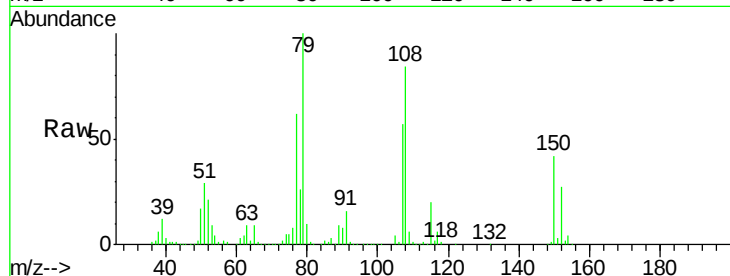
ClientSampleId :

PB106643BS

Tgt Ion:	79	Resp:	434545
Ion Ratio	Lower	Upper	
79	100		
108	83.9	65.1	97.7
77	62.1	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.626 ng

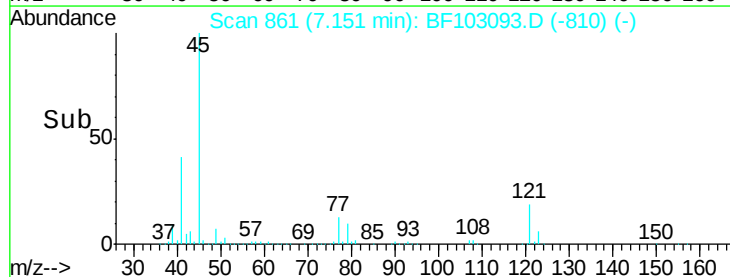
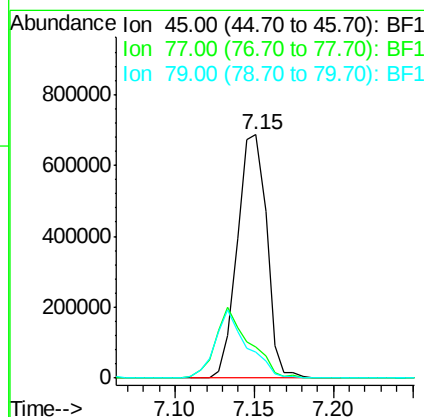
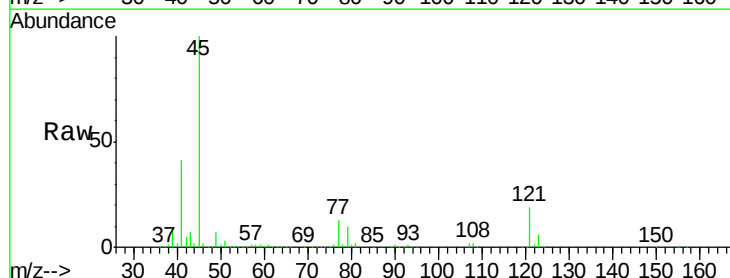
RT: 7.15 min Scan# 861

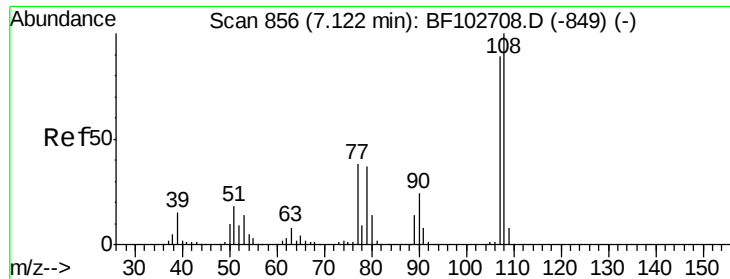
Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Tgt Ion:	45	Resp:	879889
Ion Ratio	Lower	Upper	
45	100		
77	12.9	0.0	32.9
79	10.5	0.0	29.6





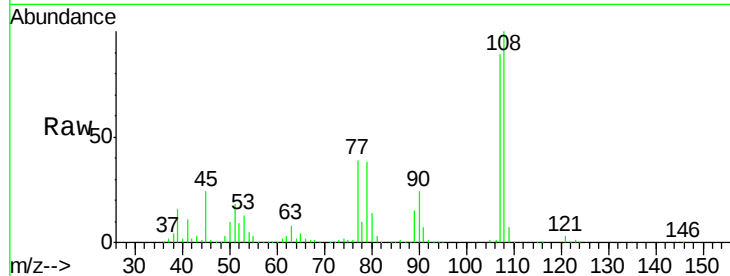
#17
2-Methylphenol
Concen: 38.076 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :
PB106643BS

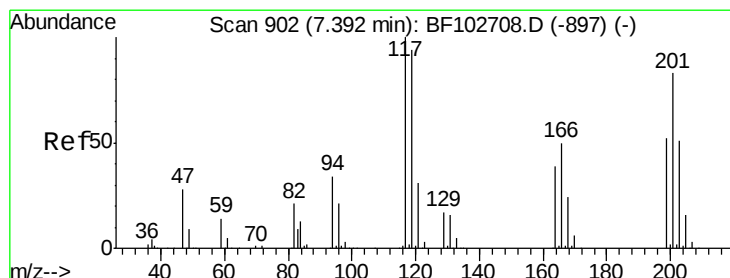
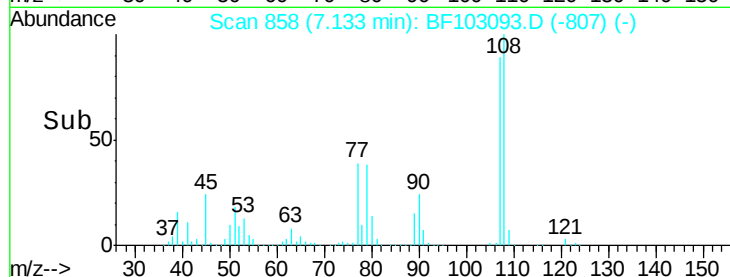
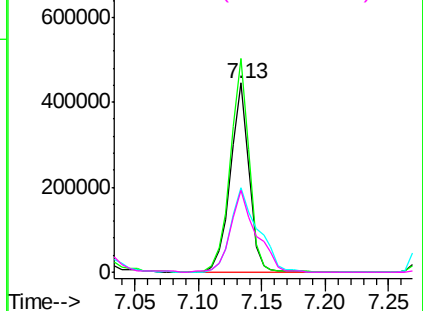
Tgt Ion:	107	Resp:	450470
Ion Ratio	Lower	Upper	
107	100		
108	112.8	91.7	137.5
77	44.5	33.8	50.8
79	43.4	33.8	50.8

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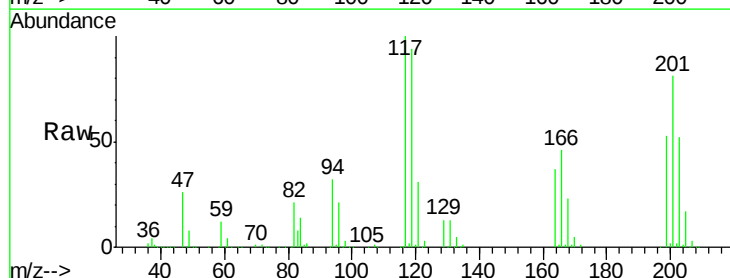


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

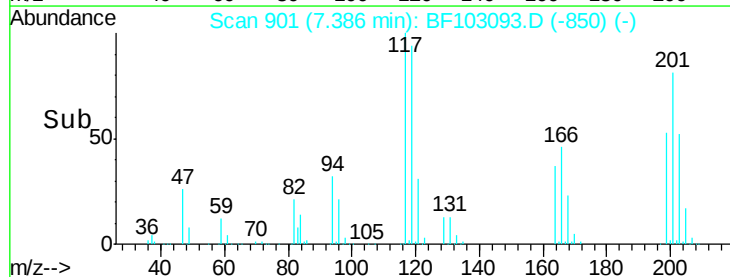
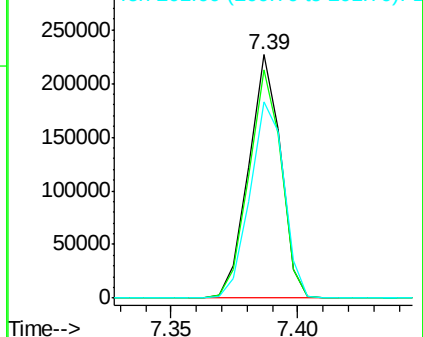


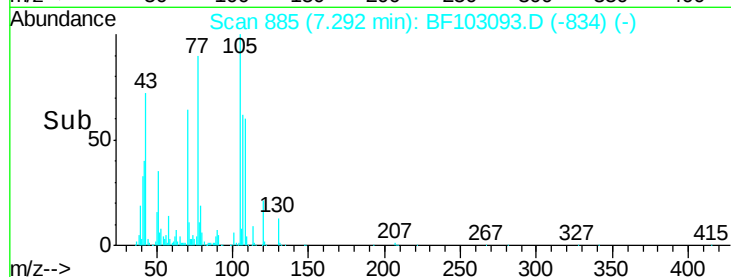
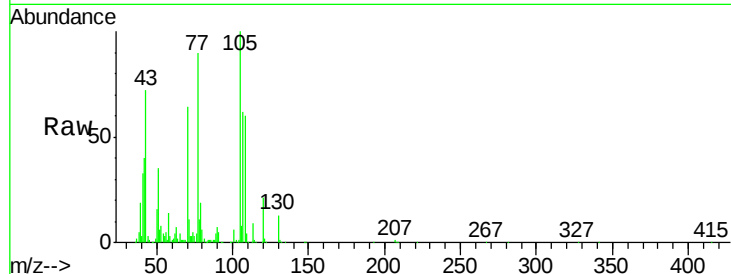
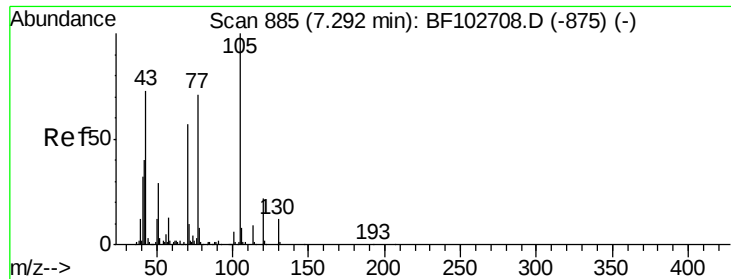
#18
Hexachloroethane
Concen: 39.500 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion:	117	Resp:	200401
Ion Ratio	Lower	Upper	
117	100		
119	93.7	75.8	113.8
201	80.6	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





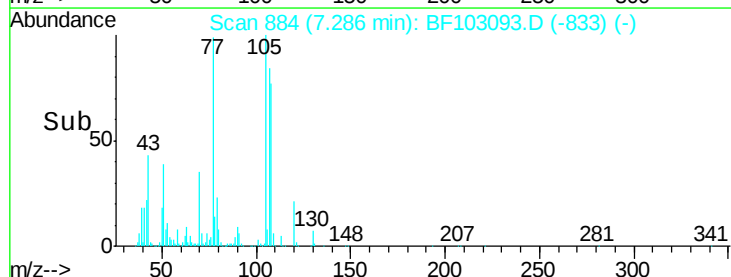
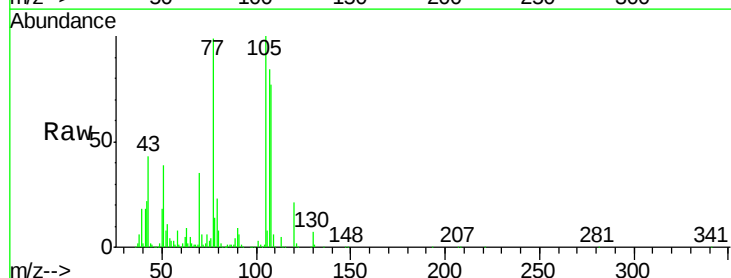
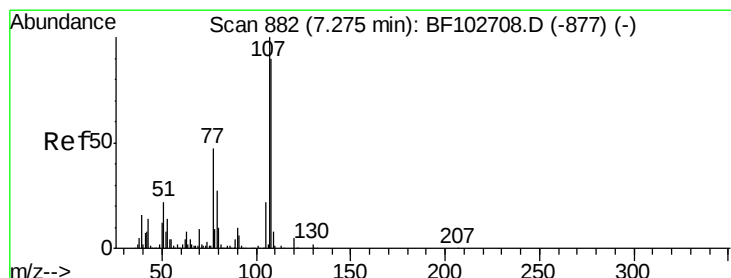
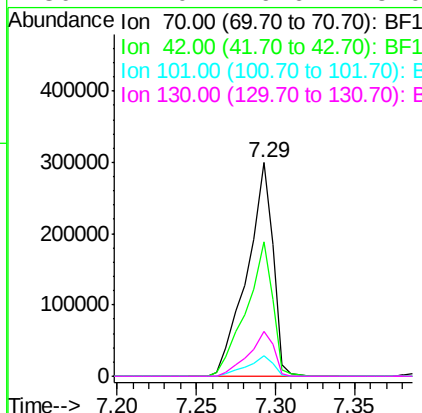
#19
n-Nitroso-di-n-propylamine
Concen: 34.470 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :
PB106643BS

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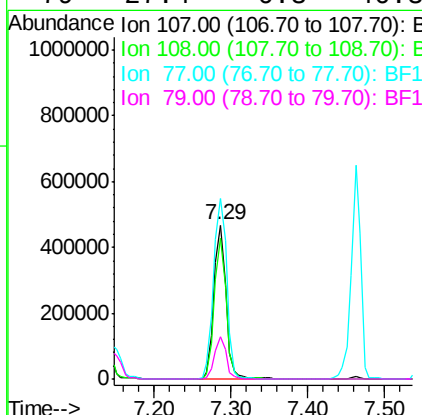
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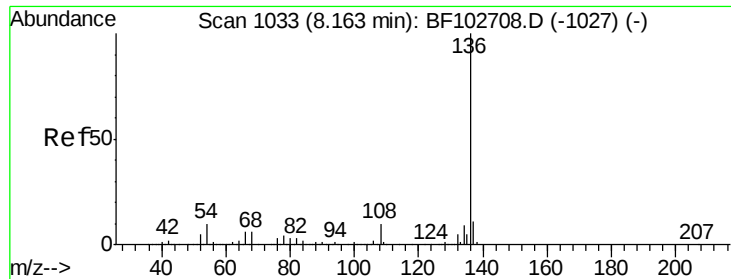
Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.7	47.5	71.3
101	9.5	7.4	11.2
130	21.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.978 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.2	108.2
77	117.1	26.7	66.7#
79	27.4	6.3	46.3





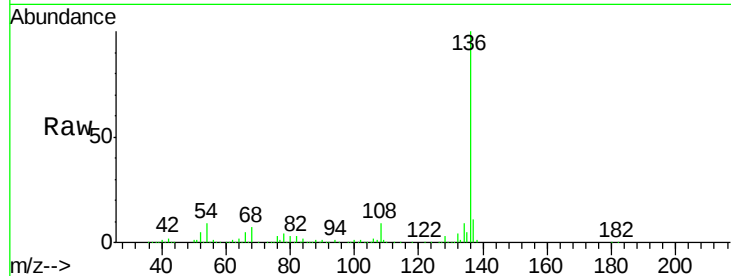
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :
PB106643BS

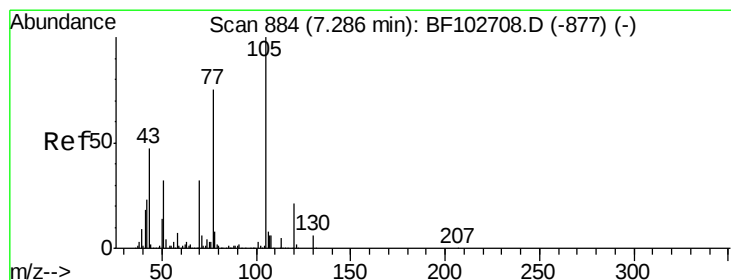
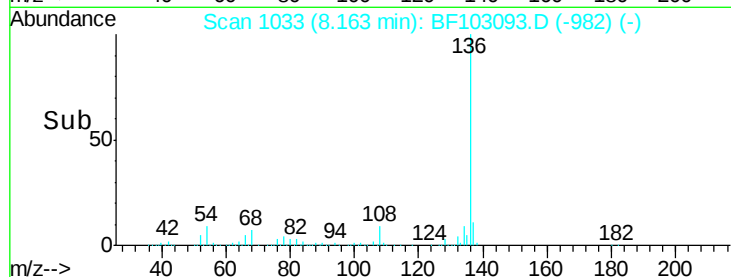
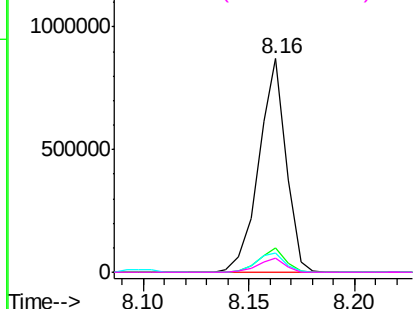
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.3	8.9	13.3
54	9.3	6.6	9.8
68	6.7	5.0	7.4

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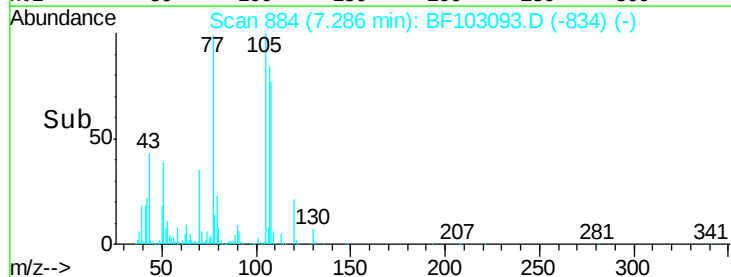
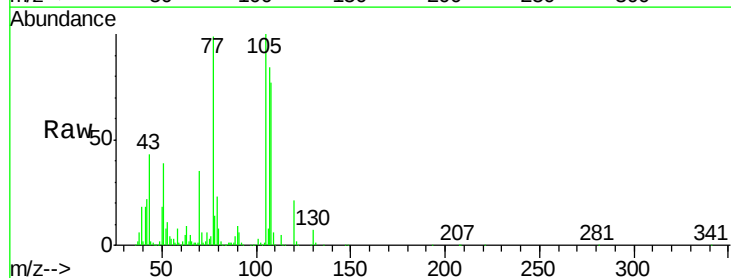
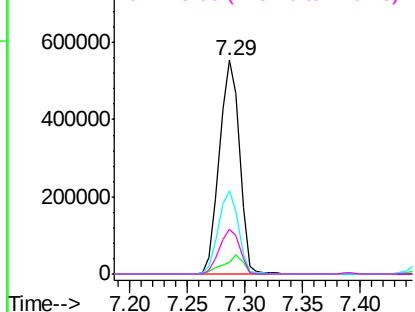
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

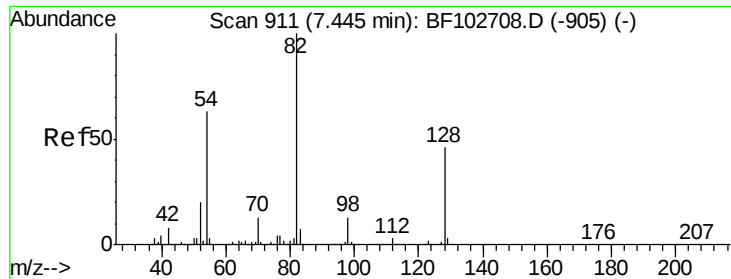


#22
Acetophenone
Concen: 35.259 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	5.6	4.4	6.6
51	38.9	22.3	33.5#
120	21.2	16.9	25.3

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





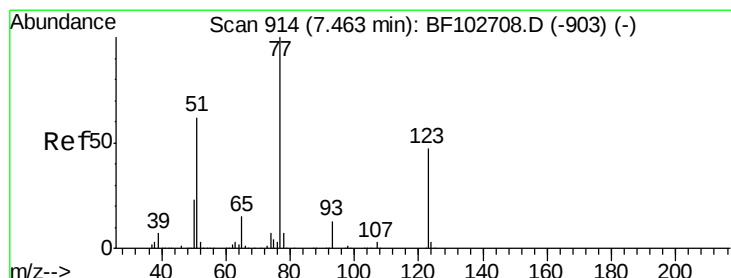
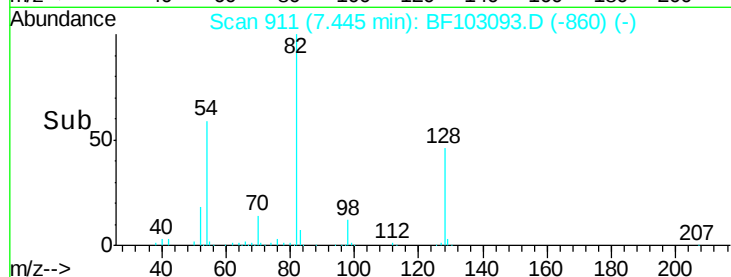
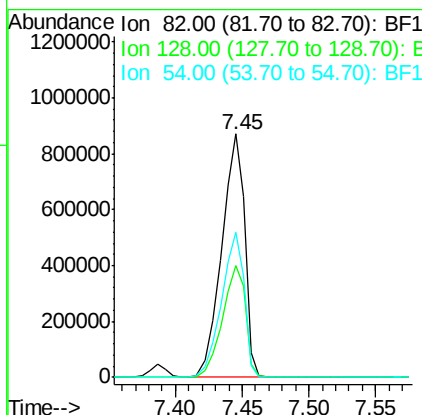
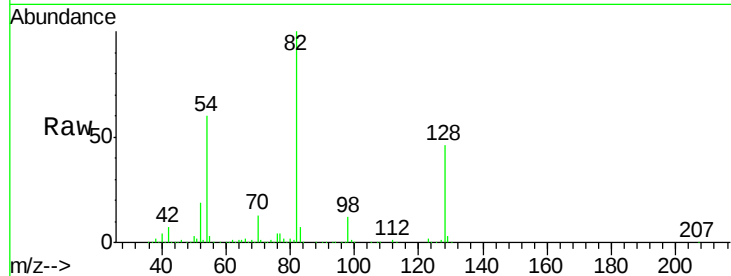
#23
 Nitrobenzene-d5
 Concen: 94.278 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB106643BS

Tgt Ion: 82 Resp: 1058909
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.1 54.1
 54 59.8 41.4 62.2

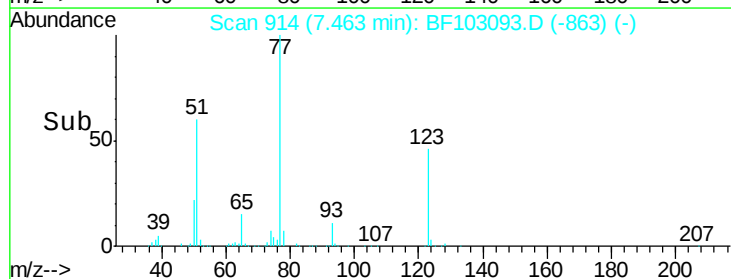
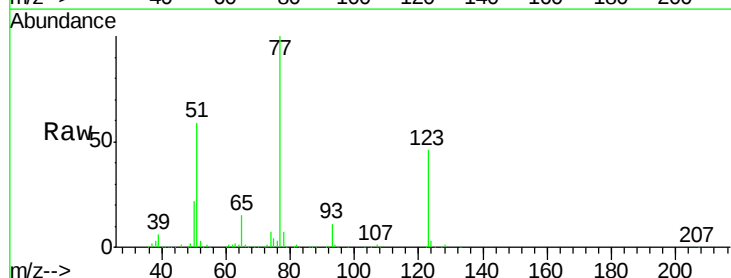
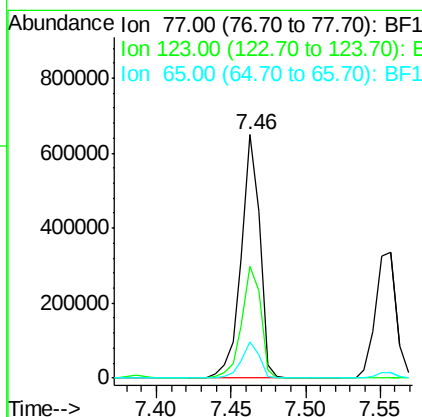
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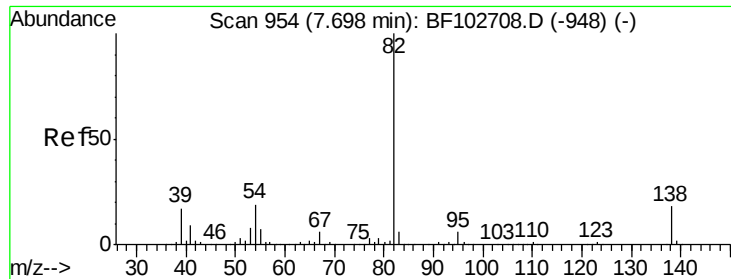
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#24
 Nitrobenzene
 Concen: 42.627 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Tgt Ion: 77 Resp: 563220
 Ion Ratio Lower Upper
 77 100
 123 45.9 37.9 56.9
 65 14.8 11.0 16.4





#25

Isophorone

Concen: 40.282 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampleId :

PB106643BS

Tgt Ion: 82 Resp: 1041811

Ion Ratio Lower Upper

82 100

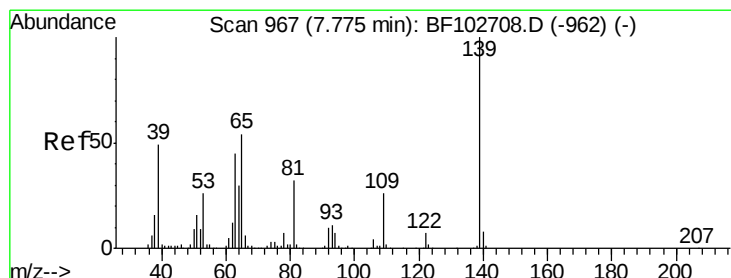
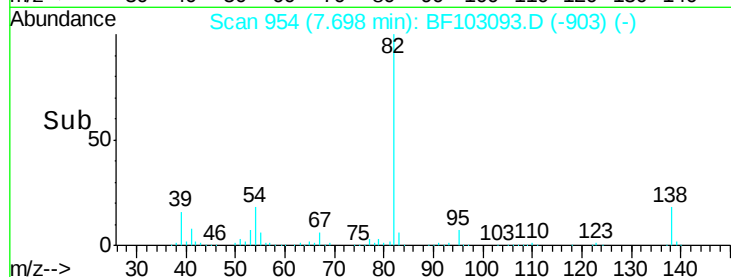
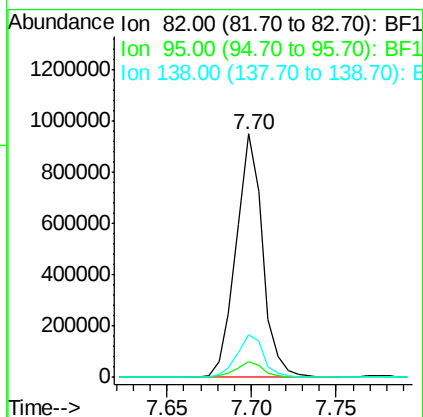
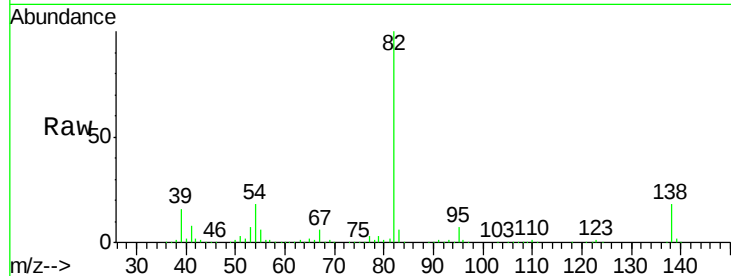
95 6.5 5.2 7.8

138 17.6 14.9 22.3

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#26

2-Nitrophenol

Concen: 52.903 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

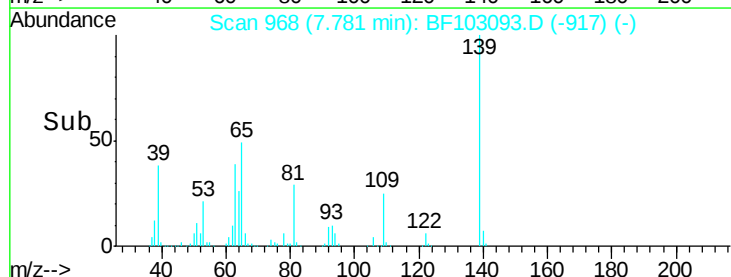
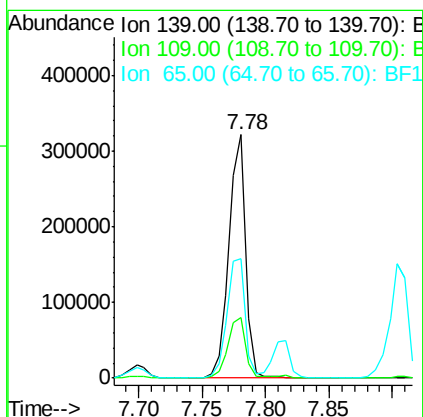
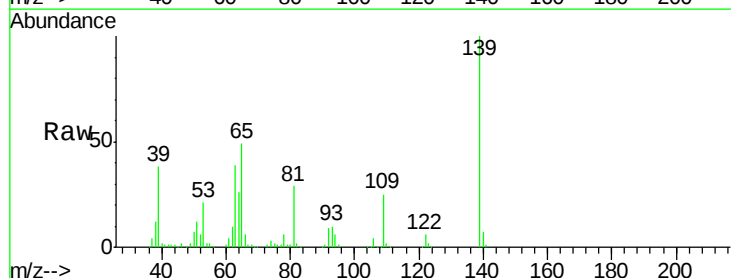
Tgt Ion: 139 Resp: 293011

Ion Ratio Lower Upper

139 100

109 25.1 22.7 34.1

65 49.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.447 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103093.D

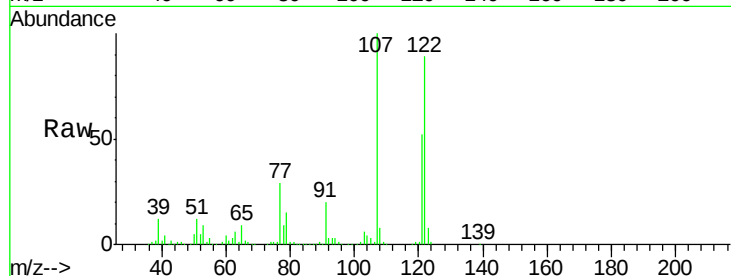
Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampleId :

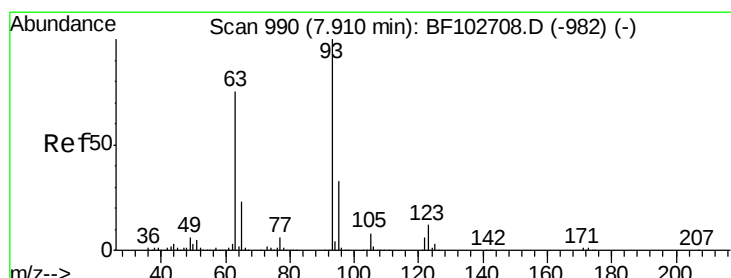
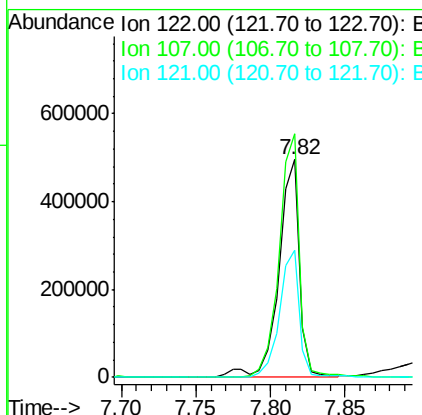
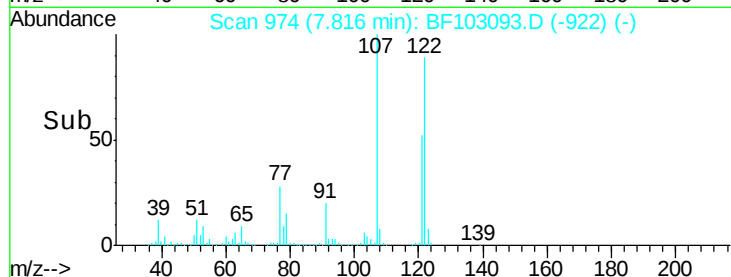
PB106643BS



Tgt Ion:	122	Resp:	485654
Ion	Ratio	Lower	Upper
122	100		
107	111.8	91.2	136.8
121	58.6	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 42.898 ng

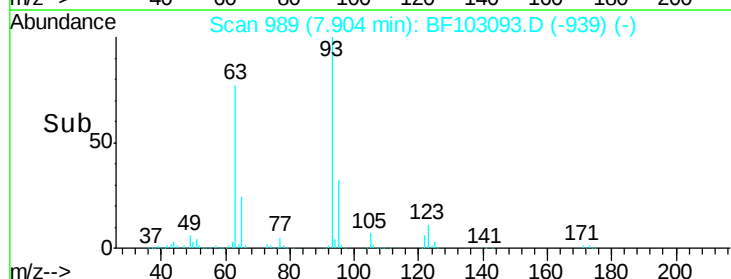
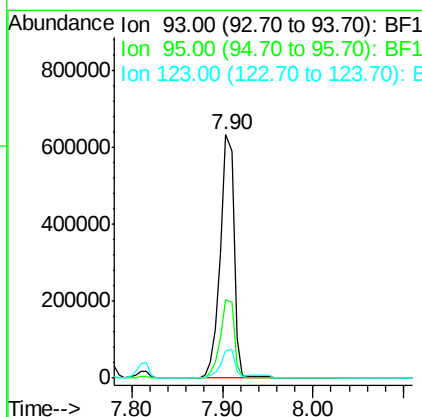
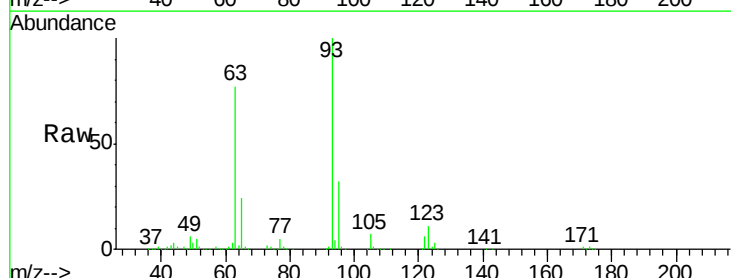
RT: 7.90 min Scan# 989

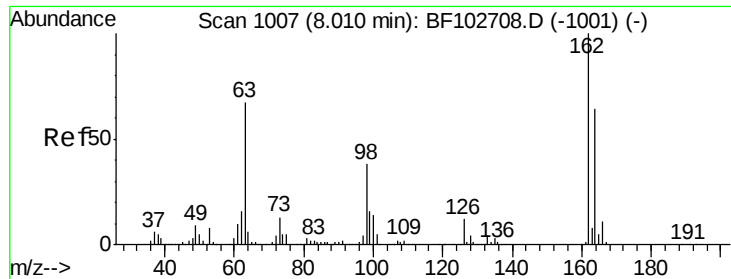
Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Tgt Ion:	93	Resp:	657227
Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.3	39.5
123	11.4	9.8	14.6





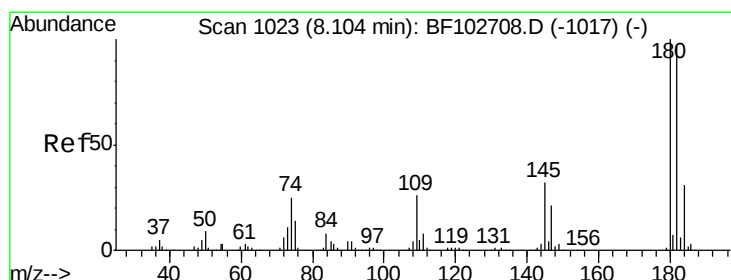
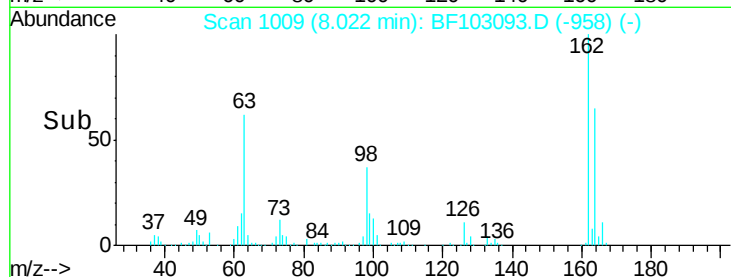
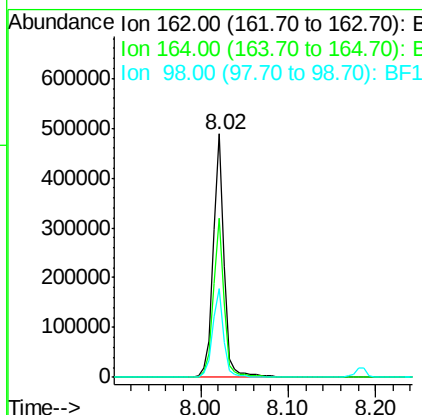
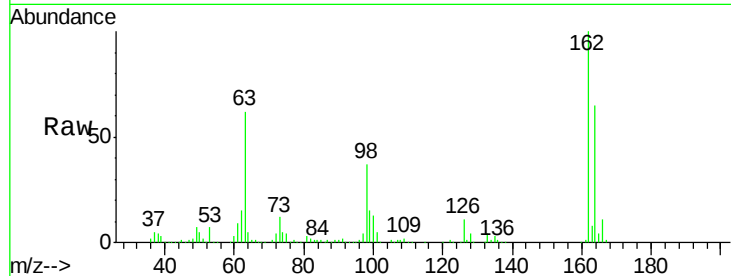
#29
 2,4-Dichlorophenol
 Concen: 42.595 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB106643BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	423089		
164	65.2	42.7	82.7	
98	36.6	18.1	58.1	

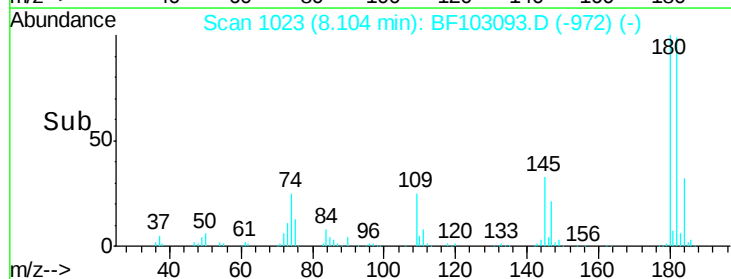
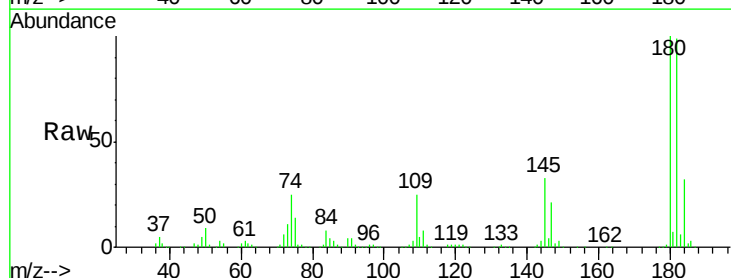
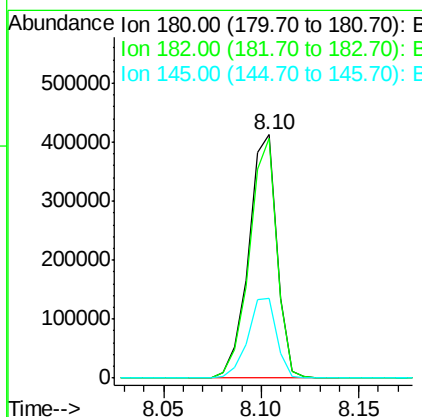
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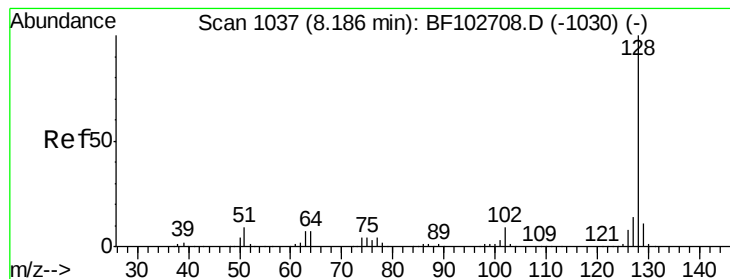
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.913 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	414783		
182	98.6	76.8	115.2	
145	32.9	26.5	39.7	





#31

Naphthalene

Concen: 37.124 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampleId :

PB106643BS

Tgt Ion:128 Resp: 1413239

Ion Ratio Lower Upper

128 100

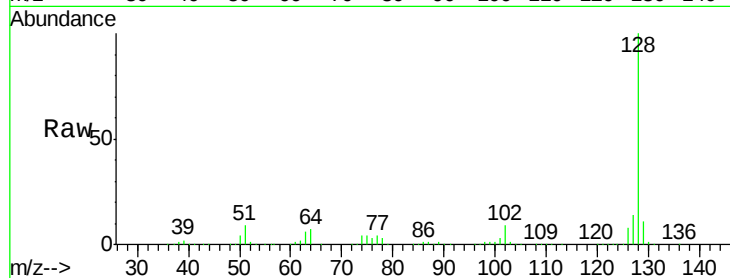
129 11.2 8.8 13.2

127 13.5 10.9 16.3

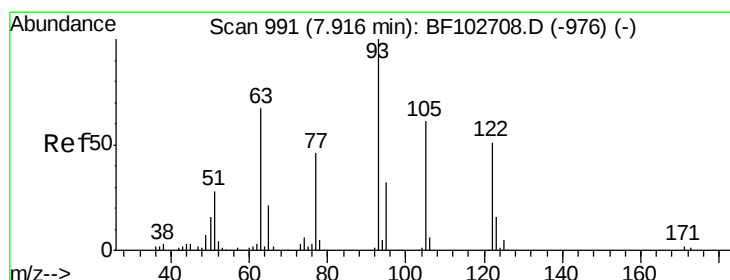
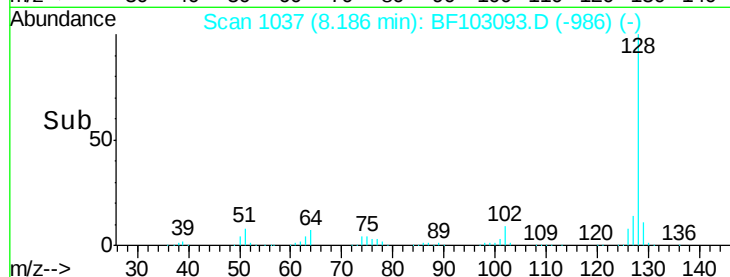
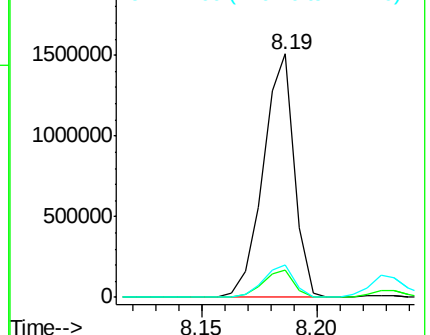
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.287 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

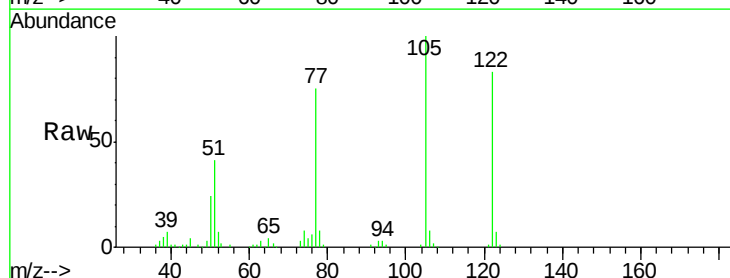
Tgt Ion:122 Resp: 309870

Ion Ratio Lower Upper

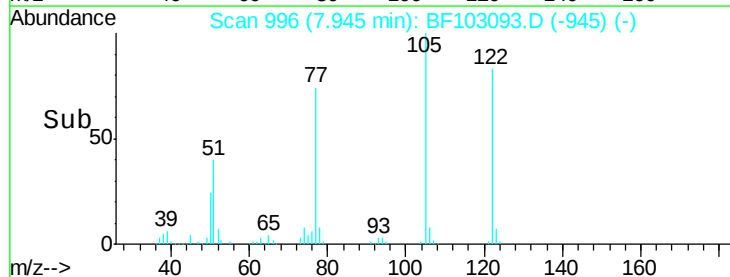
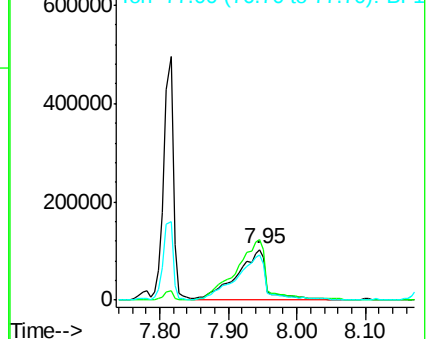
122 100

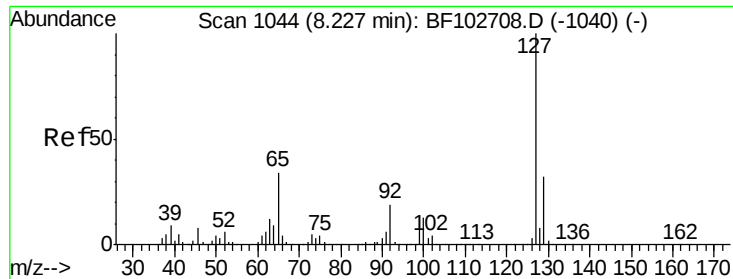
105 120.4 101.1 141.1

77 90.1 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





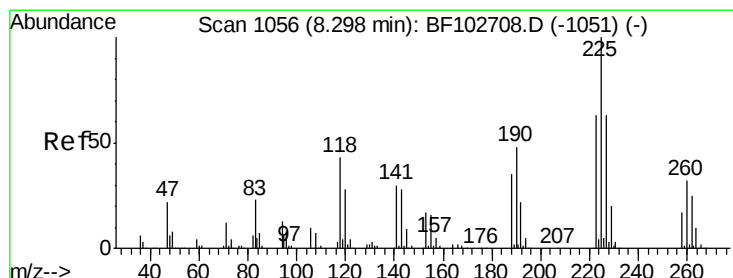
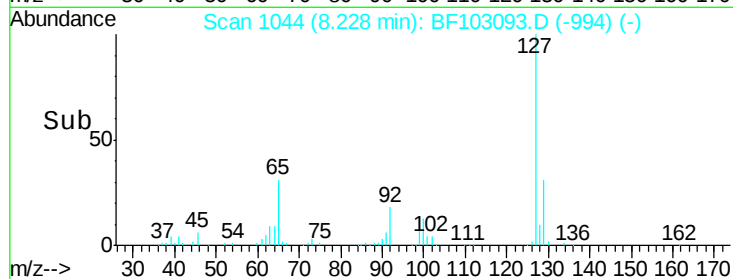
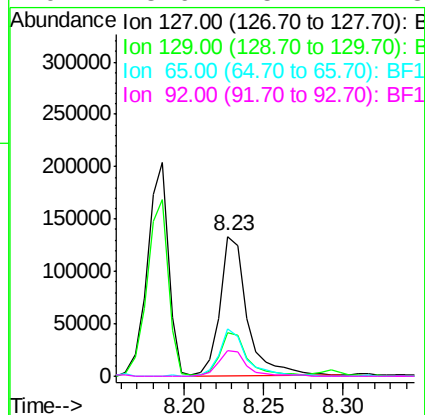
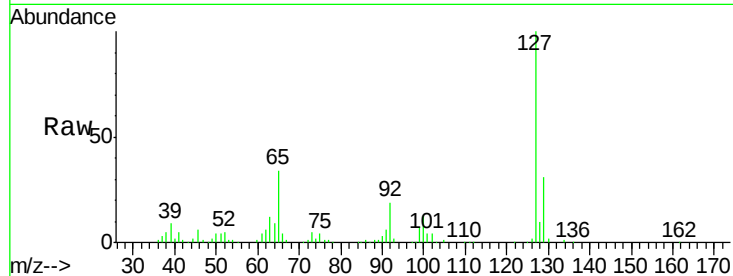
#33
 4-Chloroaniline
 Concen: 9.644 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB106643BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	158149		
129	30.9	25.9	38.9	
65	33.6	25.0	37.4	
92	18.6	15.2	22.8	

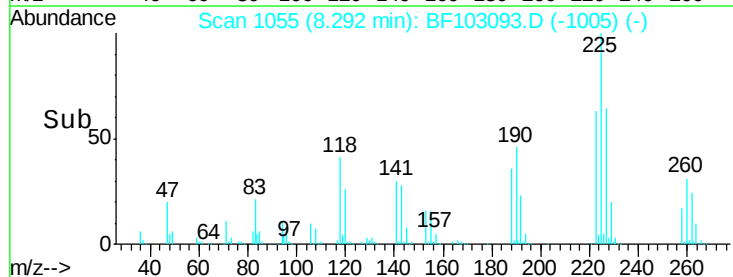
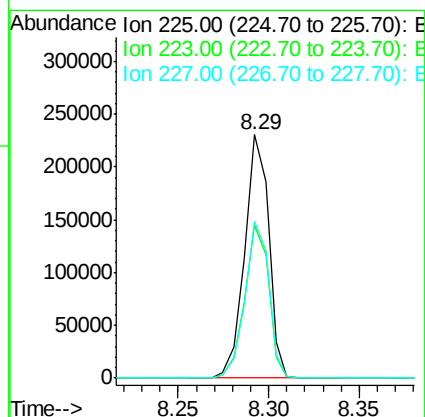
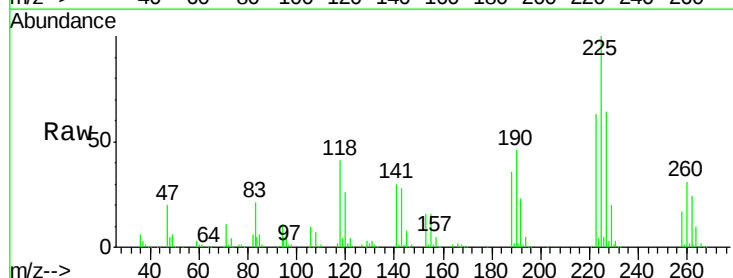
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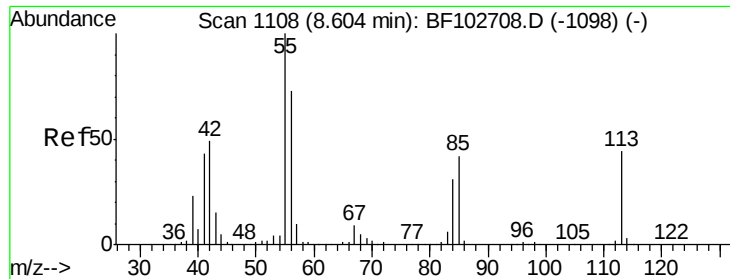
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#34
 Hexachlorobutadiene
 Concen: 36.945 ng
 RT: 8.29 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	212729		
223	62.6	50.6	76.0	
227	64.1	51.9	77.9	





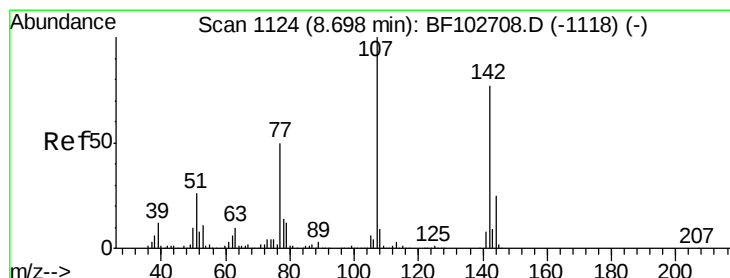
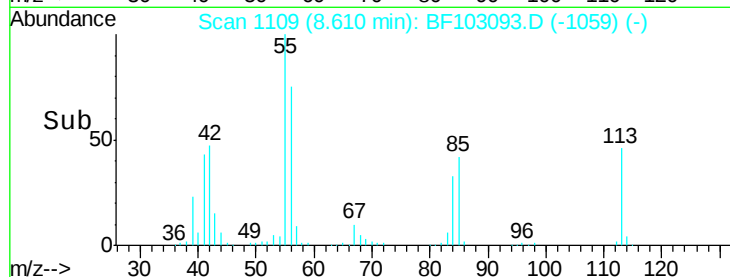
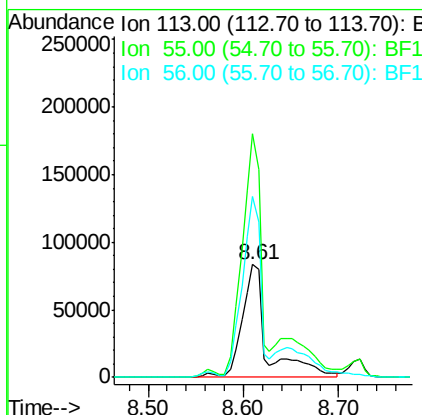
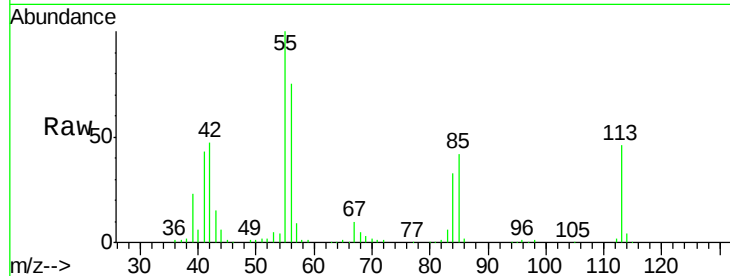
#35
 Caprolactam
 Concen: 44.427 ng m
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Instrument :
 BNA_F
 ClientSampleID :
 PB106643BS

Tgt Ion:113 Resp: 153255
 Ion Ratio Lower Upper
 113 100
 55 216.4 163.3 203.3#
 56 161.3 115.7 155.7#

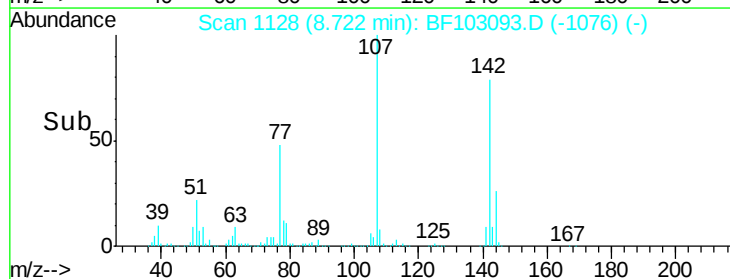
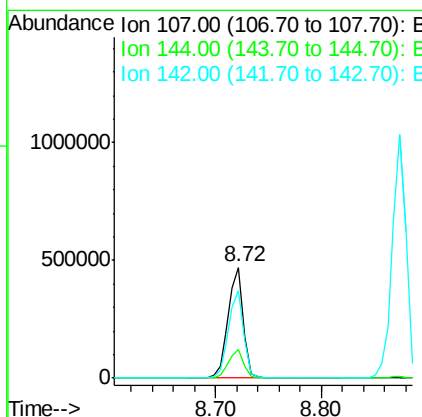
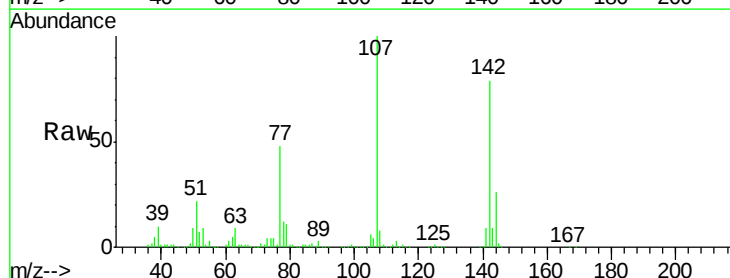
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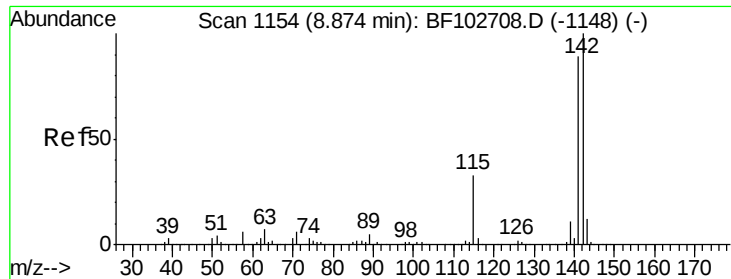
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#36
 4-Chloro-3-methylphenol
 Concen: 41.997 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Tgt Ion:107 Resp: 468699
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 79.4 62.0 93.0





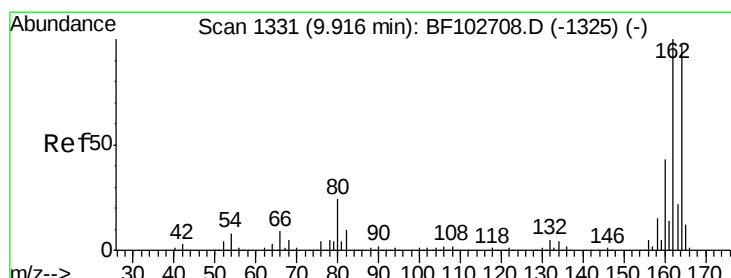
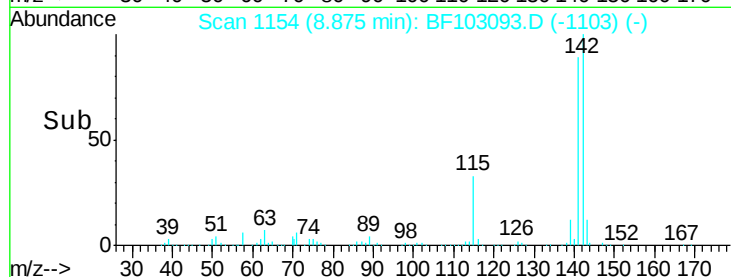
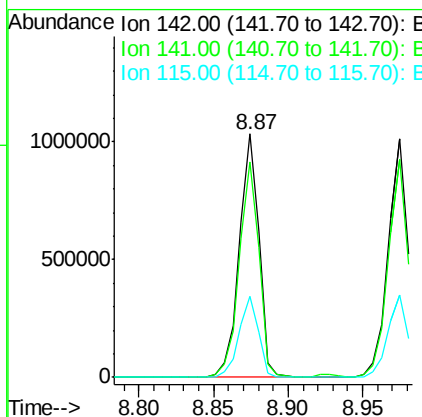
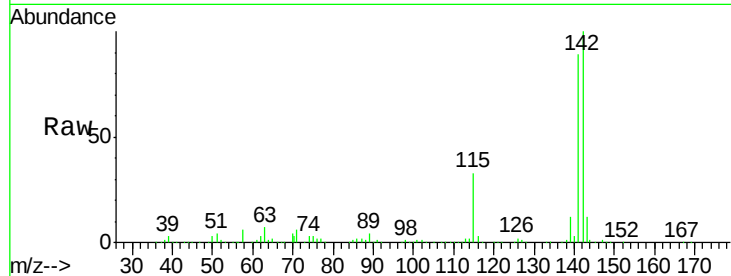
#37
2-Methylnaphthalene
Concen: 38.259 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :
PB106643BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	953552		
141	88.5	70.8	106.2	
115	33.2	26.1	39.1	

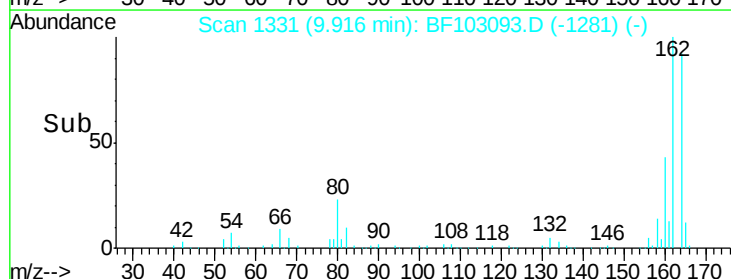
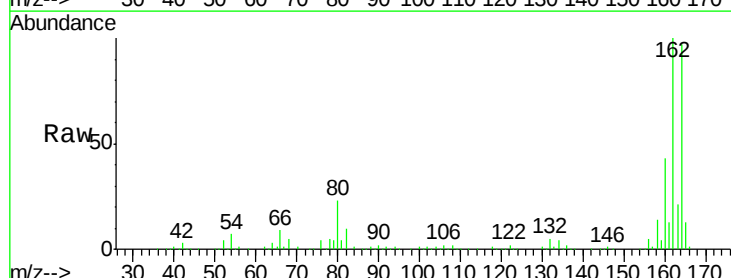
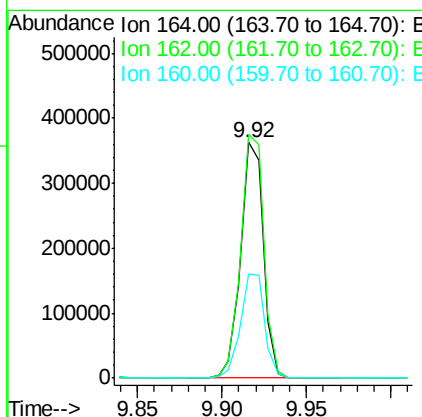
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	341864		
162	103.5	86.1	129.1	
160	44.3	38.3	57.5	





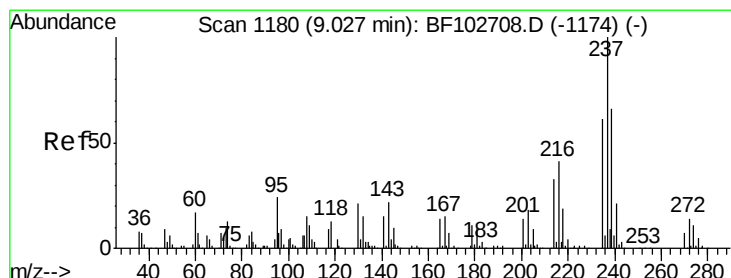
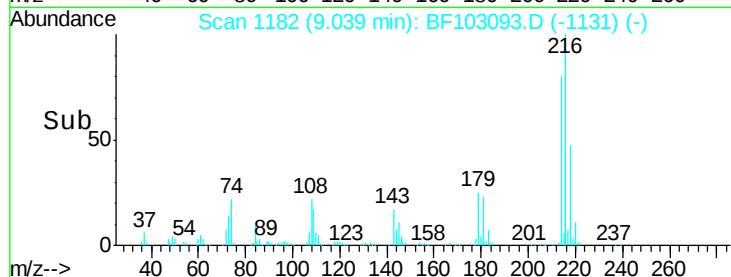
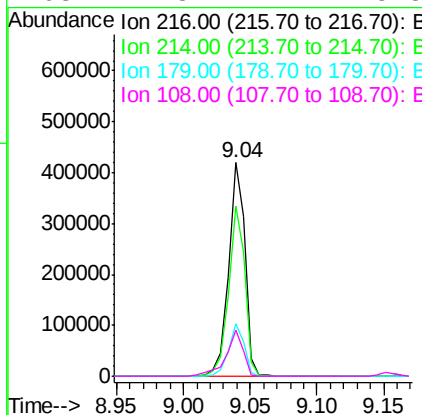
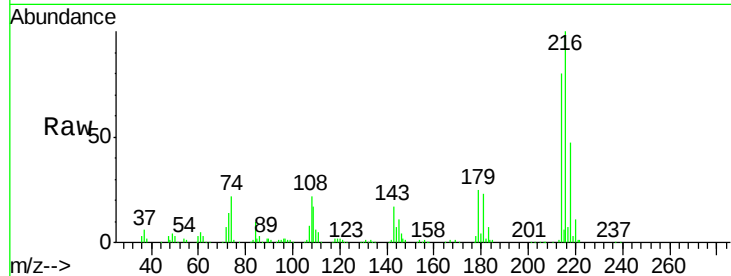
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.033 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB106643BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	363335		
214	79.3	63.0	94.4	
179	23.5	18.1	27.1	
108	22.8	17.2	25.8	

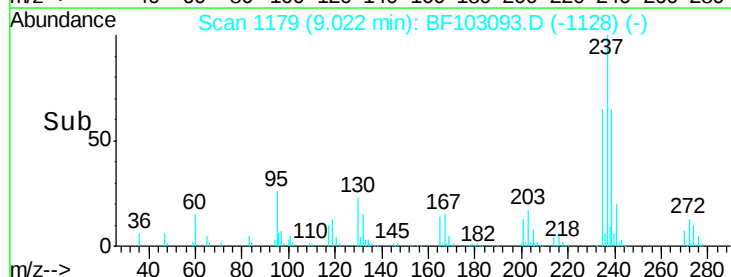
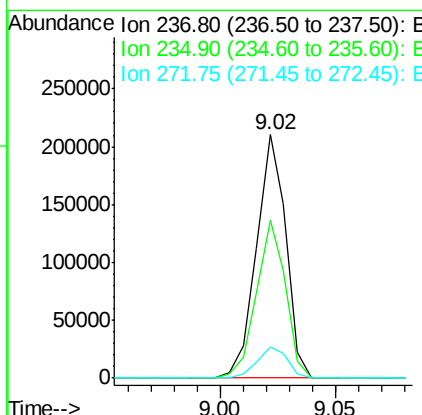
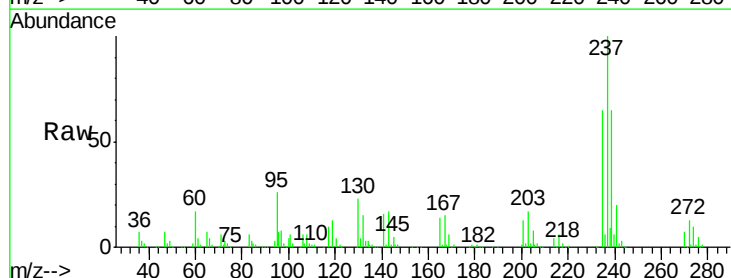
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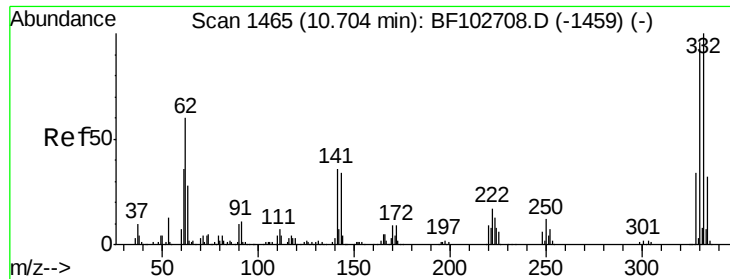
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#40
 Hexachlorocyclopentadiene
 Concen: 42.311 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	187226		
235	64.9	44.8	84.8	
272	13.0	0.0	33.3	





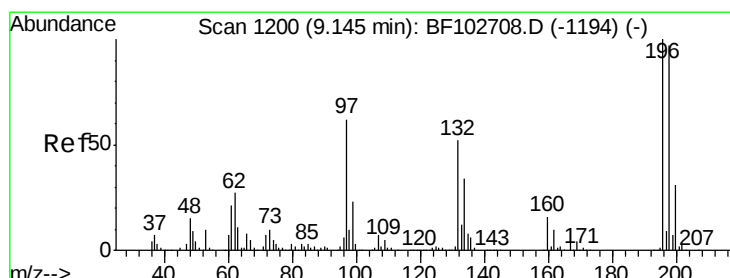
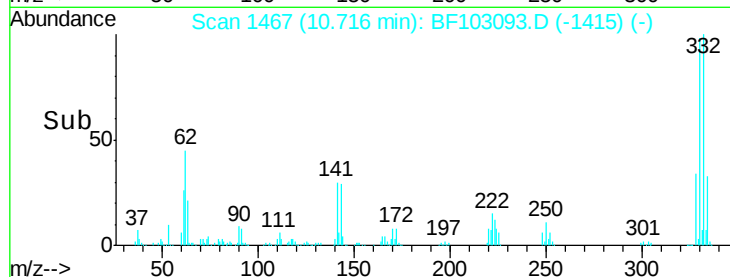
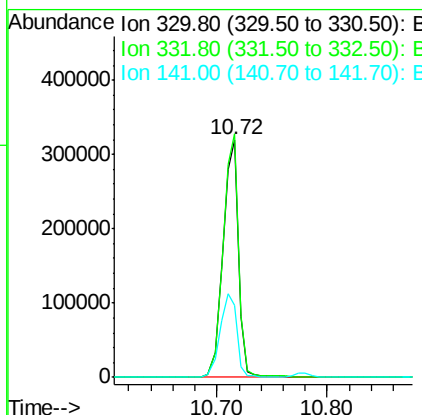
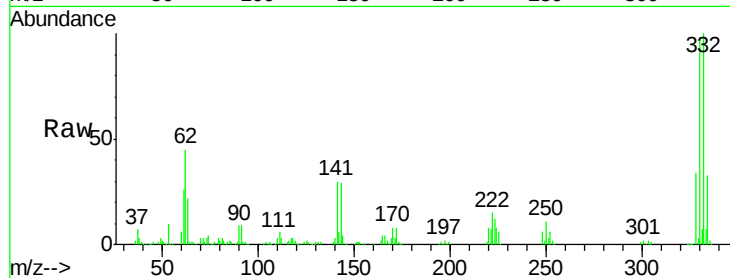
#41
 2,4,6-Tribromophenol
 Concen: 114.933 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB106643BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.0	77.0	115.6	
141	37.6	29.9	44.9	

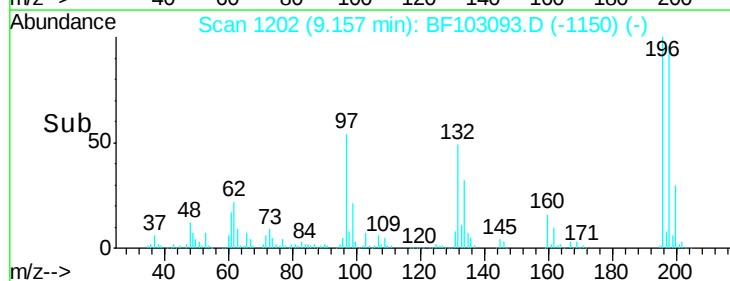
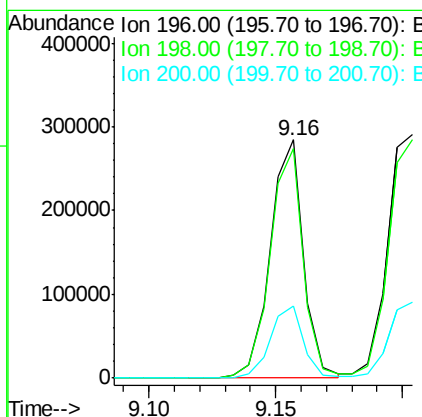
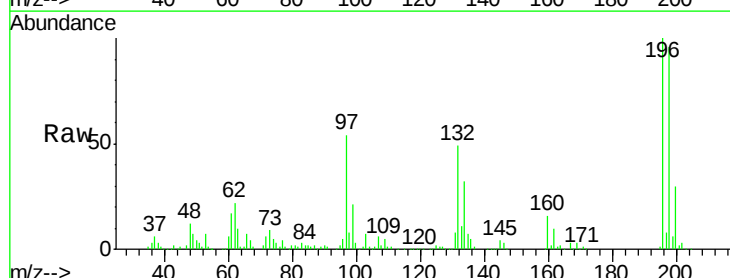
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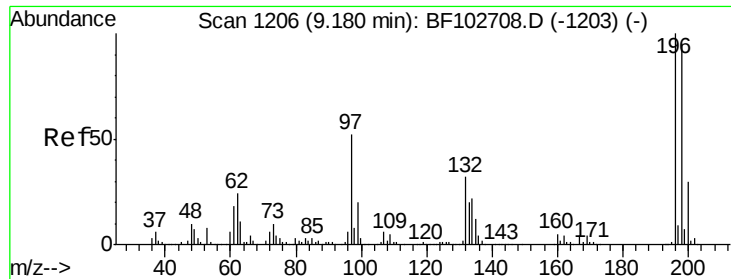
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#42
 2,4,6-Trichlorophenol
 Concen: 42.656 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.3	75.7	113.5	
200	30.3	24.5	36.7	





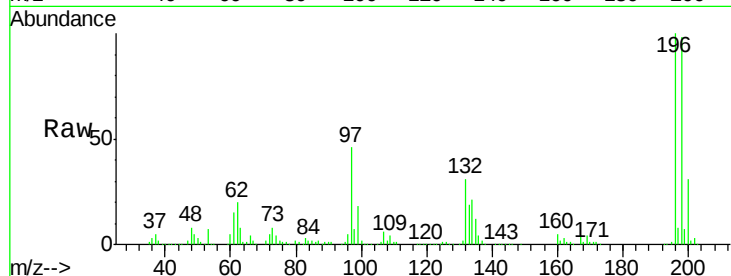
#43
 2,4,5-Trichlorophenol
 Concen: 40.608 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB106643BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	279832		
198	97.9	74.6	112.0	
97	46.4	42.9	64.3	
132	31.2	26.3	39.5	

Manual Integrations
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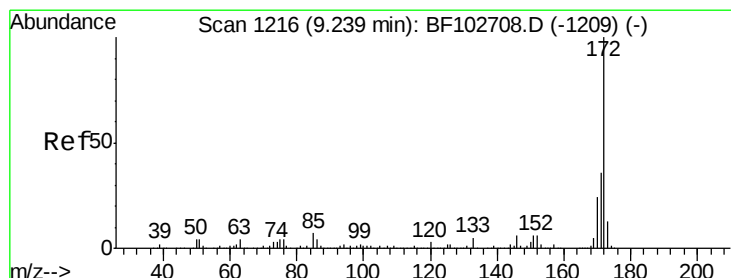
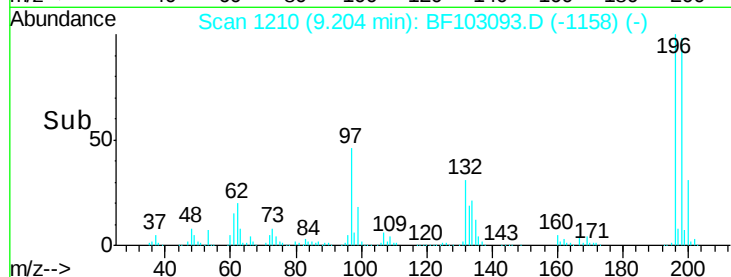
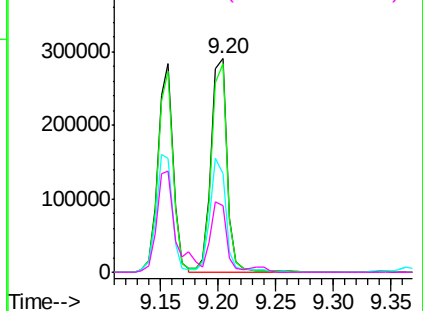
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.963 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

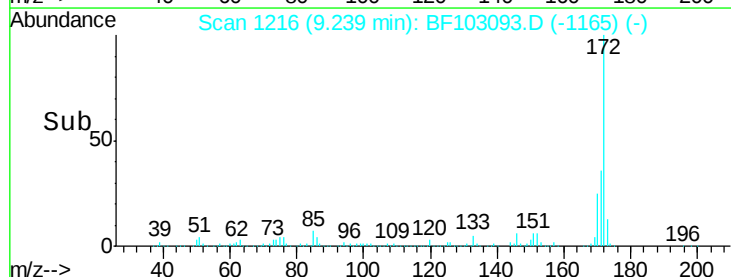
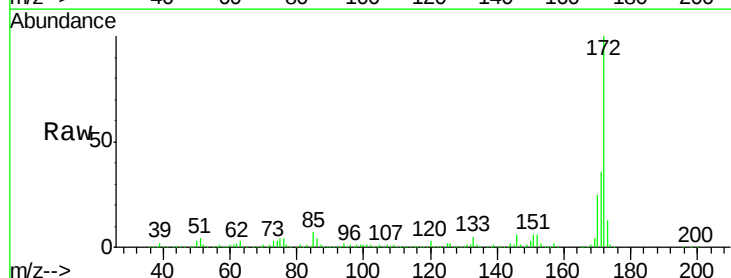
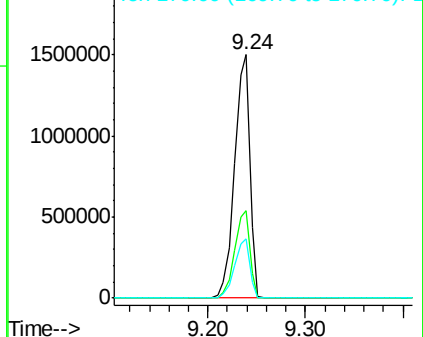
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1626814		
171	36.1	29.7	44.5	
170	24.6	19.6	29.4	

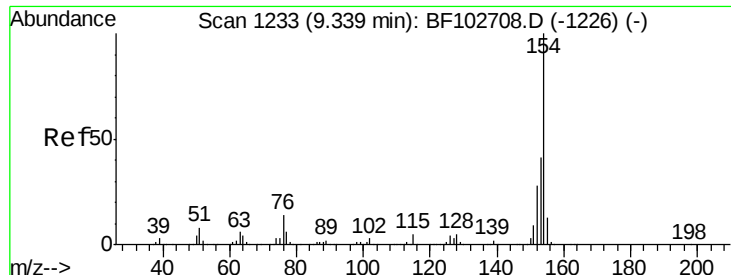
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





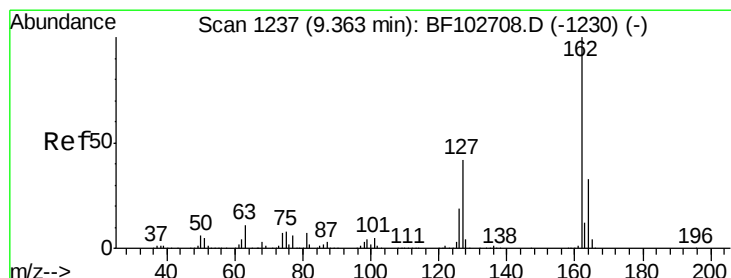
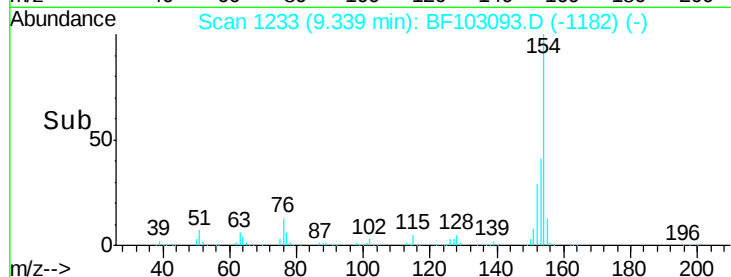
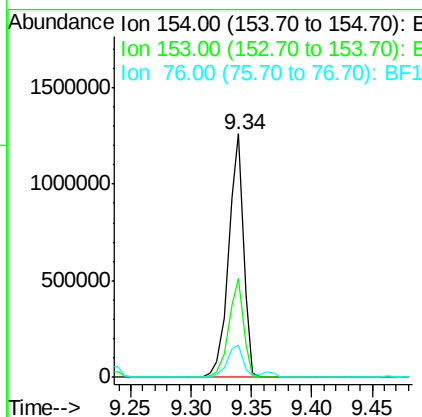
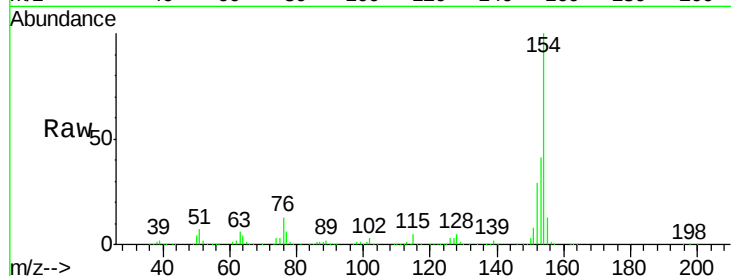
#45
 1,1'-Biphenyl
 Concen: 37.389 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB106643BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	13.3	0.0	34.0

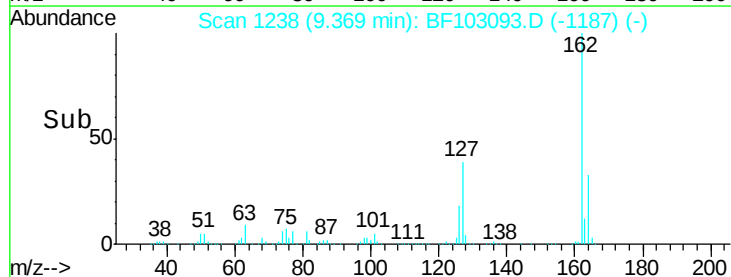
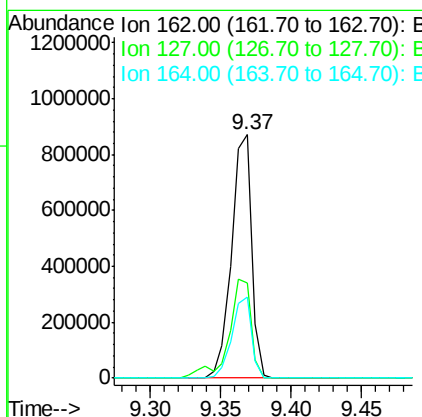
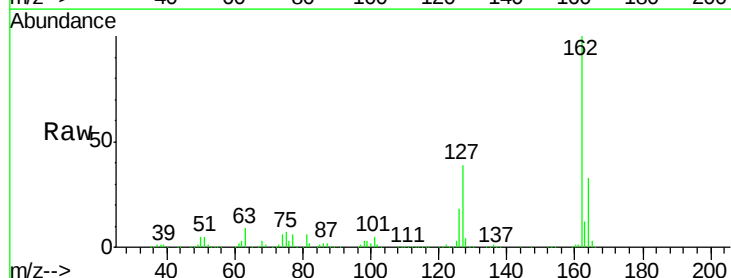
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#46
 2-Chloronaphthalene
 Concen: 38.140 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	33.9	50.9
164	33.2	26.5	39.7





#47

2-Nitroaniline

Concen: 46.210 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

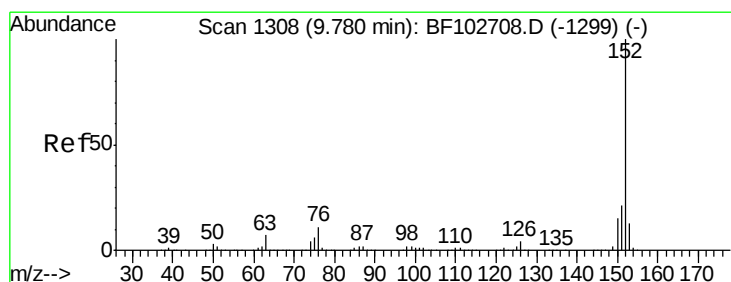
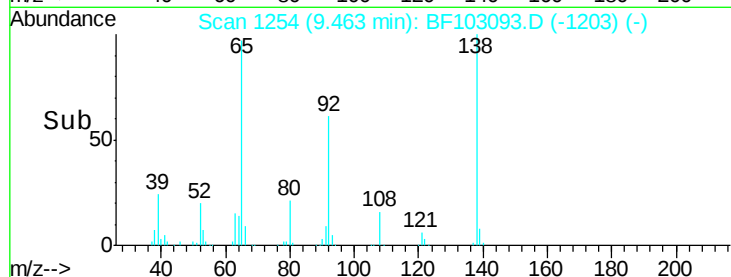
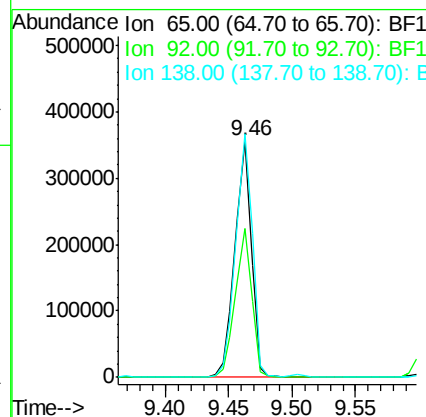
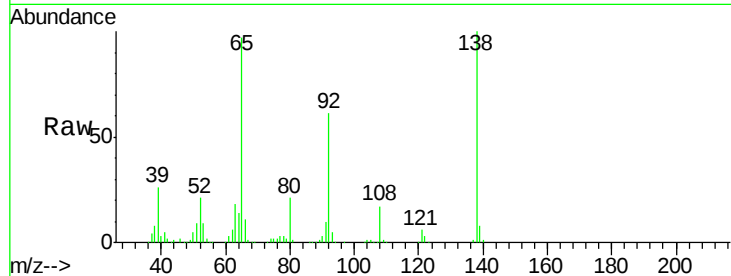
ClientSampleId :

PB106643BS

Tgt Ion:	65	Resp:	322263
Ion Ratio	Lower	Upper	
65	100		
92	63.2	55.8	83.6
138	103.1	91.2	136.8

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#48

Acenaphthylene

Concen: 36.334 ng

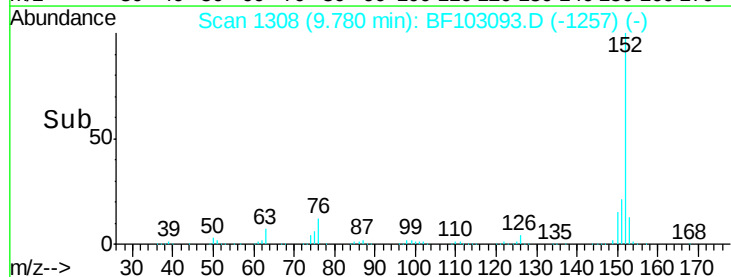
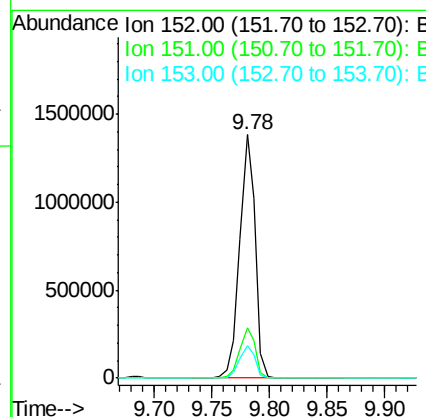
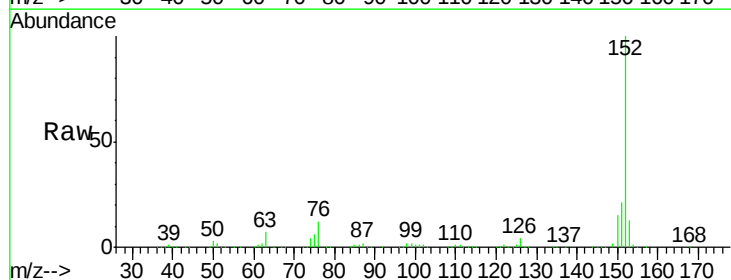
RT: 9.78 min Scan# 1308

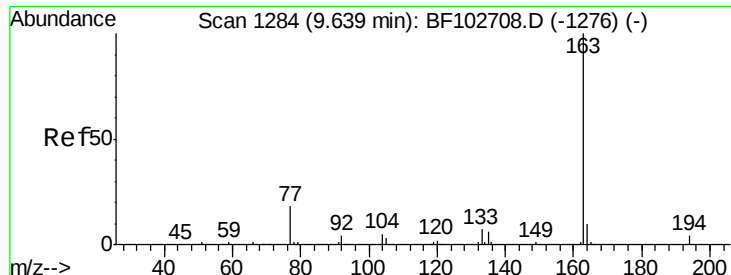
Delta R.T. -0.00 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Tgt Ion:	152	Resp:	1279255
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.5	10.7	16.1





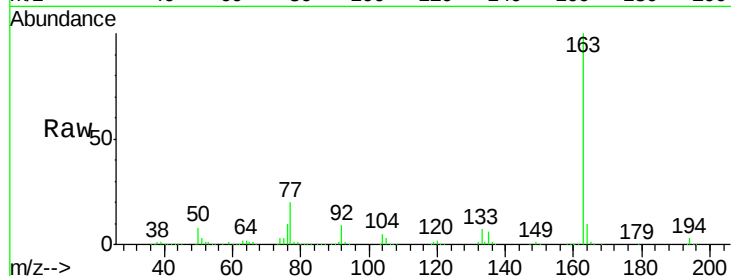
#49
Dimethylphthalate
Concen: 39.376 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :
PB106643BS

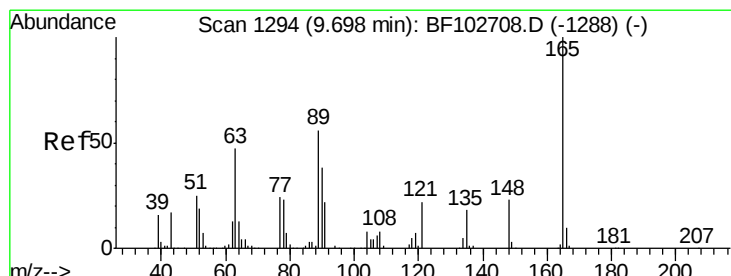
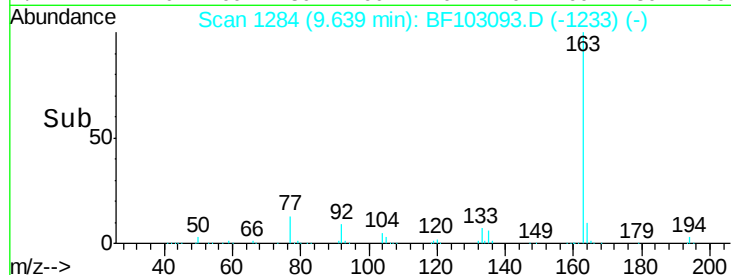
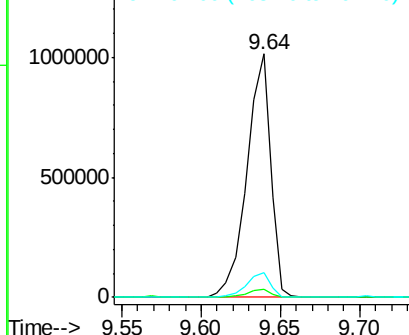
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.1	8.2	12.2

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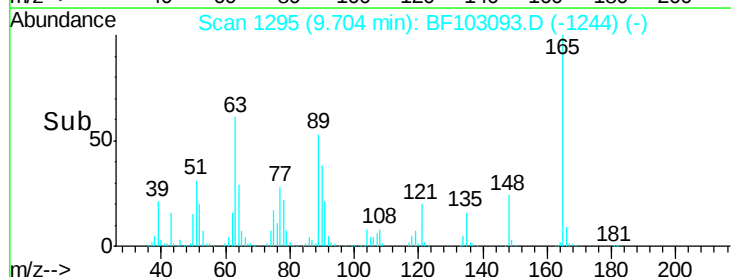
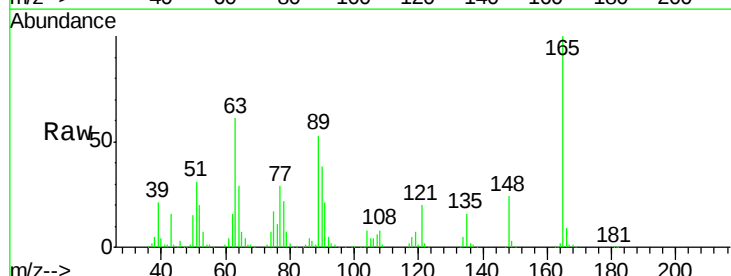
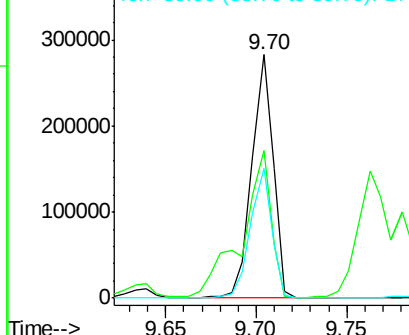
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

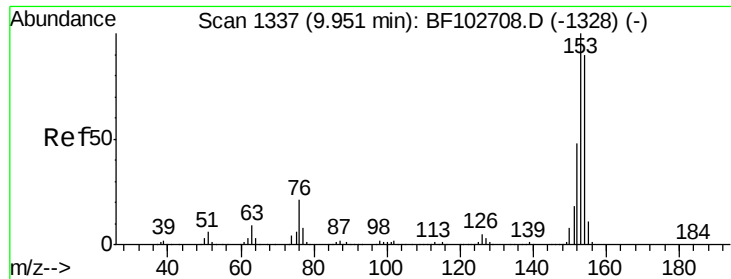


#50
2,6-Dinitrotoluene
Concen: 45.975 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.7	44.7	67.1
89	53.3	44.0	66.0

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





#51

Acenaphthene

Concen: 35.359 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103093.D

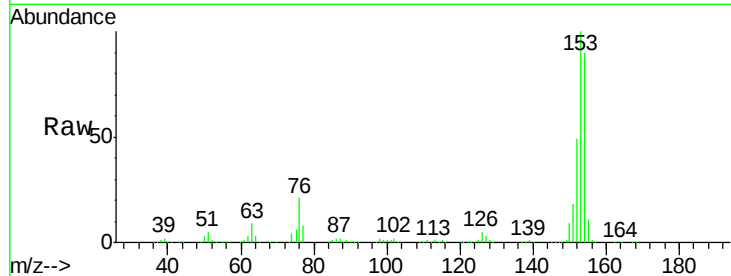
Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampleId :

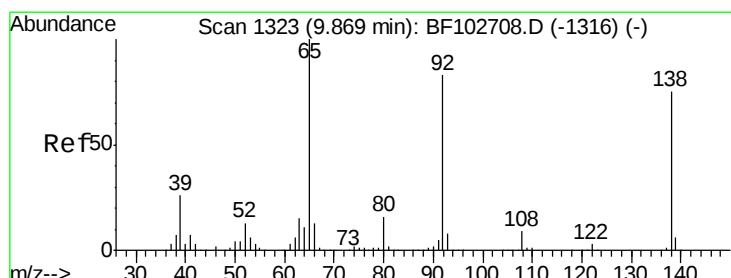
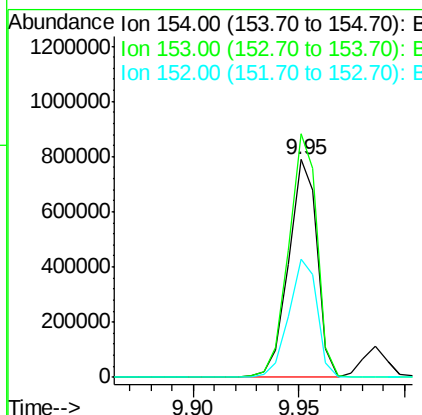
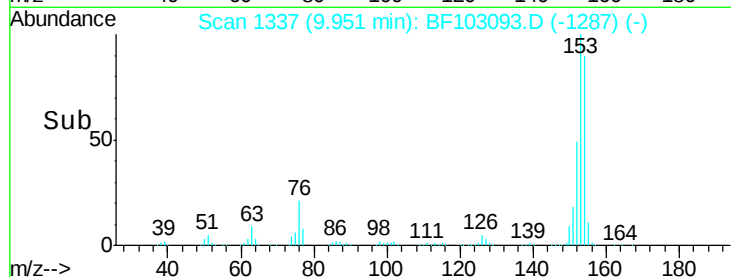
PB106643BS



Tgt Ion:	154	Resp:	744514
Ion Ratio	Lower	Upper	
154	100		
153	111.7	91.2	136.8
152	54.4	43.8	65.8

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#52

3-Nitroaniline

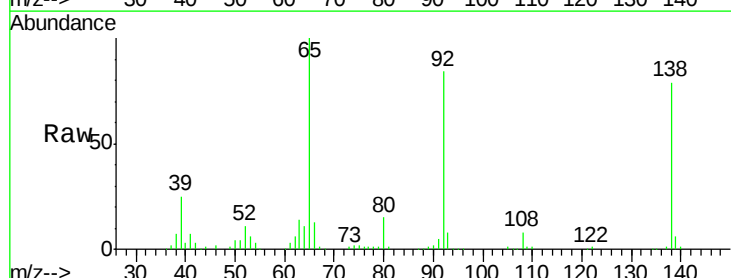
Concen: 26.506 ng

RT: 9.87 min Scan# 1324

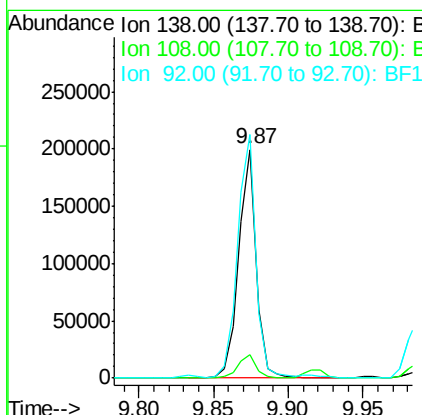
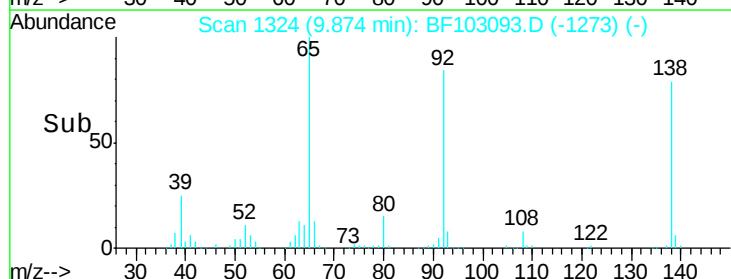
Delta R.T. -0.00 min

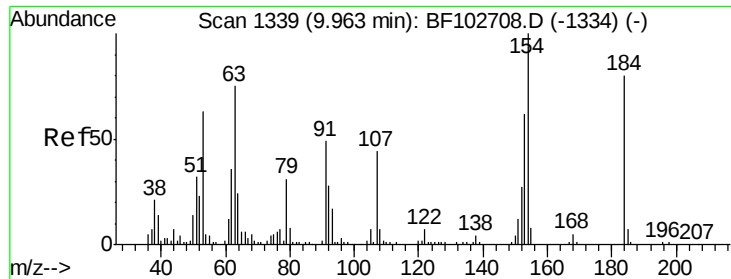
Lab File: BF103093.D

Acq: 19 Feb 2018 20:04



Tgt Ion:	138	Resp:	165394
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.4	14.0
92	106.6	89.4	134.2





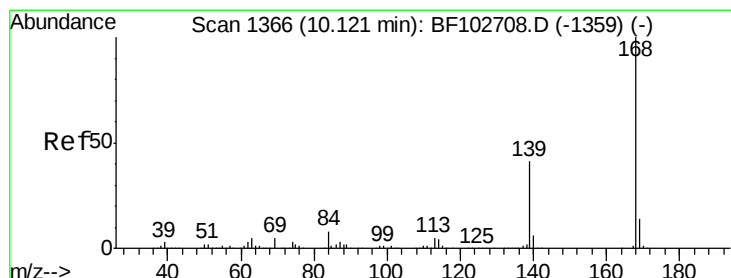
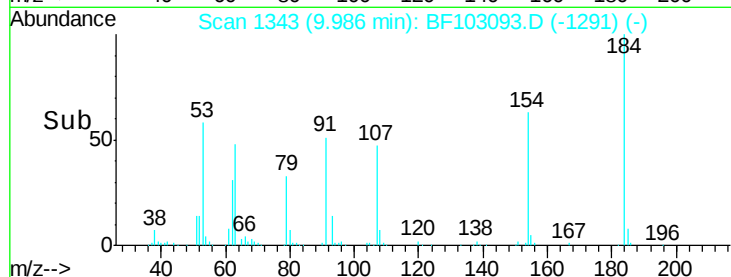
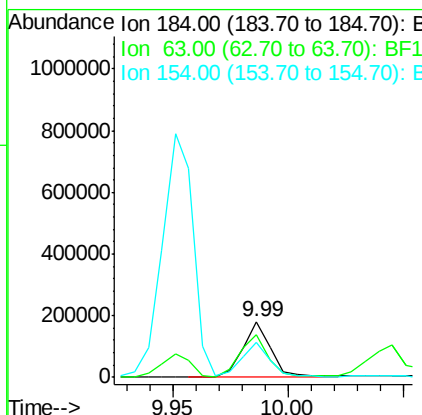
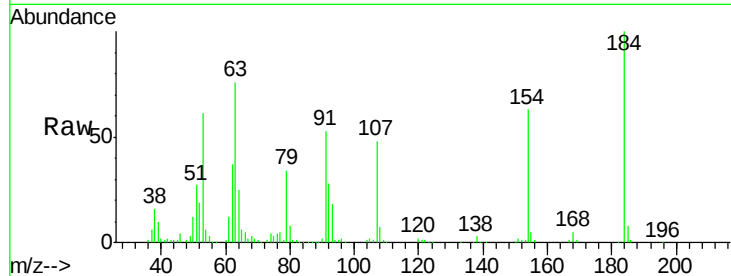
#53
2,4-Dinitrophenol
Concen: 86.609 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampled :
PB106643BS

Tgt Ion:184 Resp: 156397
Ion Ratio Lower Upper
184 100
63 76.3 54.2 81.2
154 62.9 184.0 276.0#

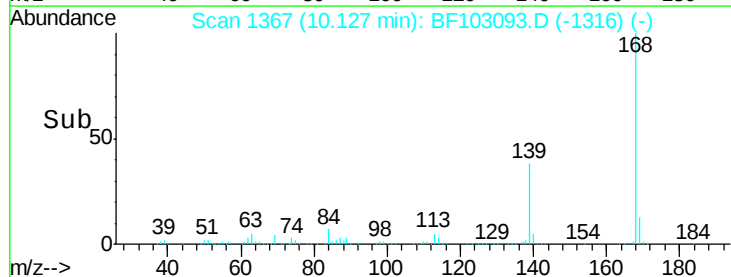
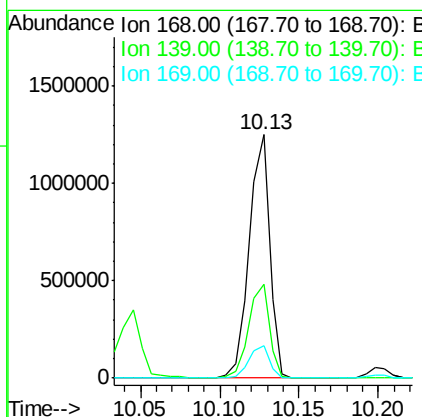
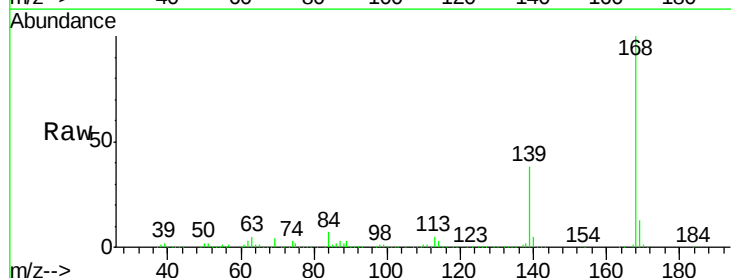
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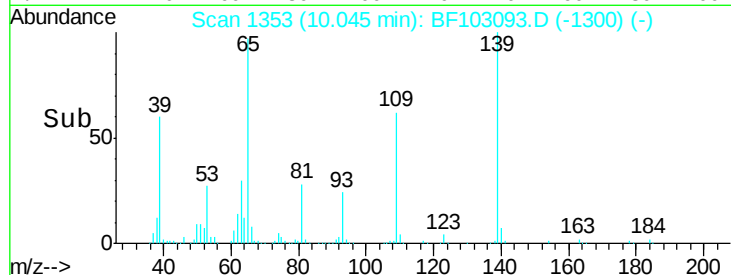
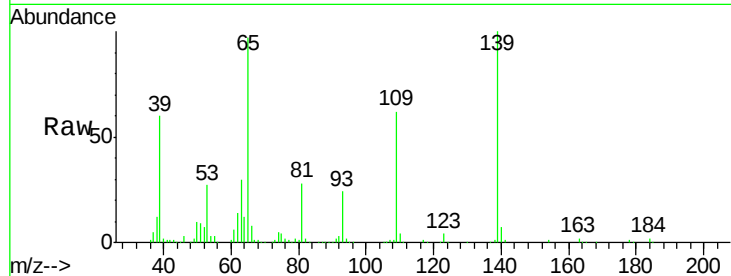
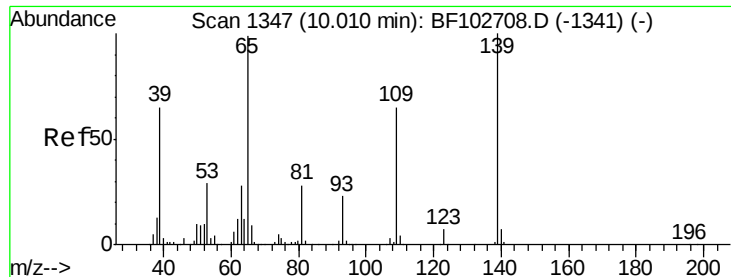
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#54
Dibenzofuran
Concen: 37.876 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion:168 Resp: 1123910
Ion Ratio Lower Upper
168 100
139 38.4 30.1 45.1
169 13.2 10.9 16.3





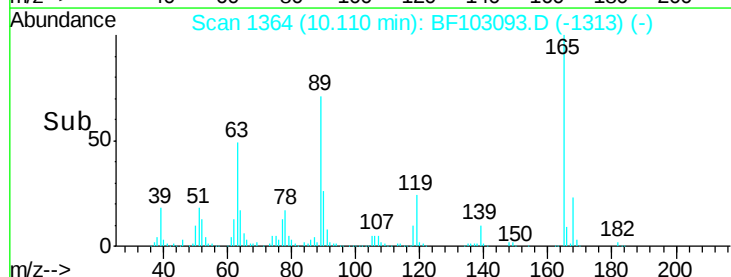
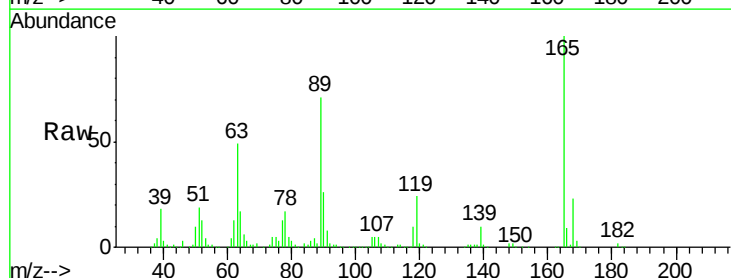
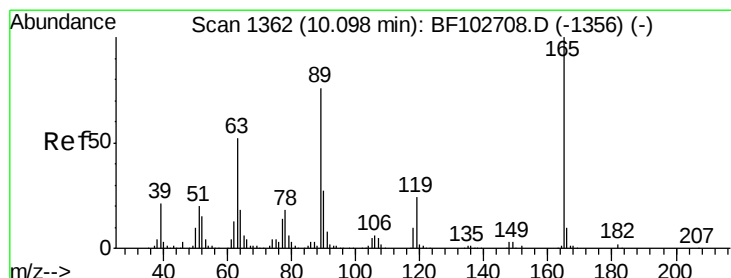
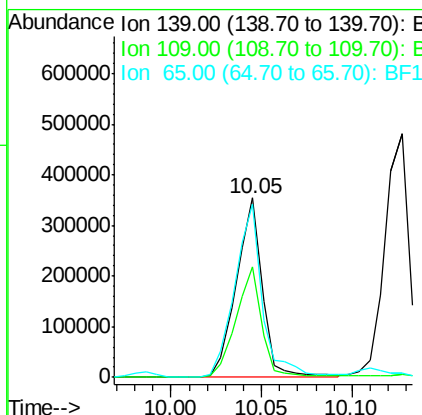
#55
4-Nitrophenol
Concen: 69.717 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :
PB106643BS

Tgt Ion:139 Resp: 354713
Ion Ratio Lower Upper
139 100
109 61.8 48.4 88.4
65 96.7 72.6 112.6

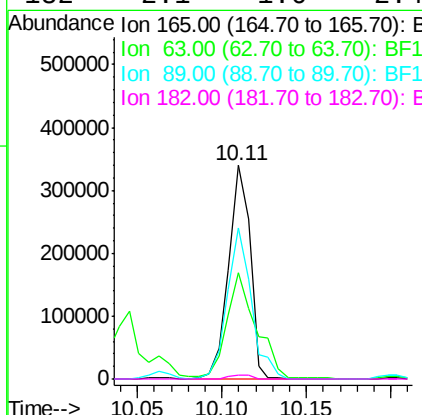
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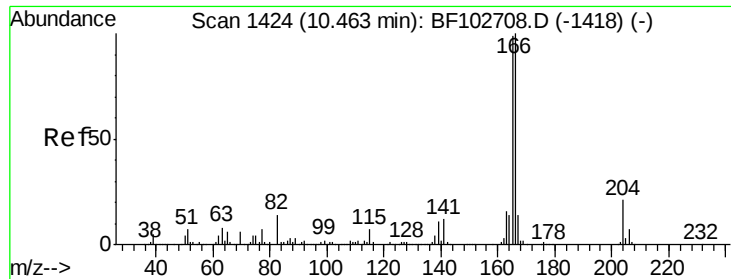
Sohil
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#56
2,4-Dinitrotoluene
Concen: 44.455 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion:165 Resp: 300704
Ion Ratio Lower Upper
165 100
63 49.5 36.4 54.6
89 70.8 57.8 86.6
182 2.1 1.6 2.4





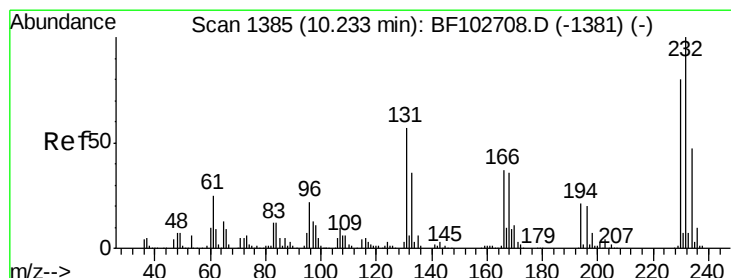
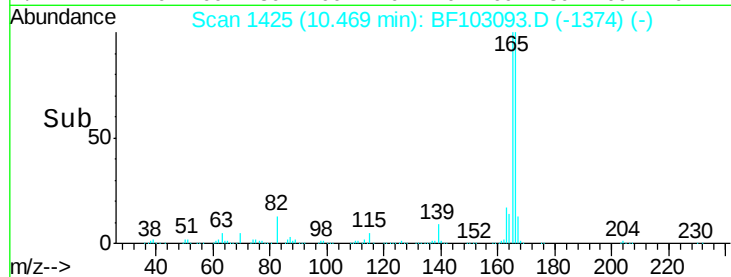
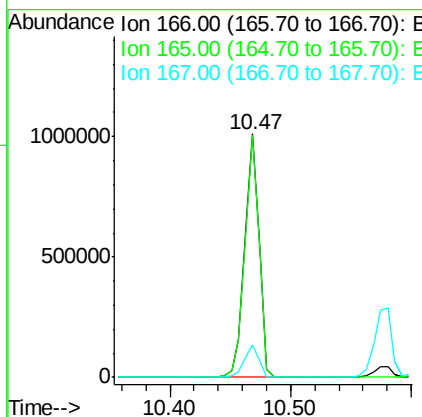
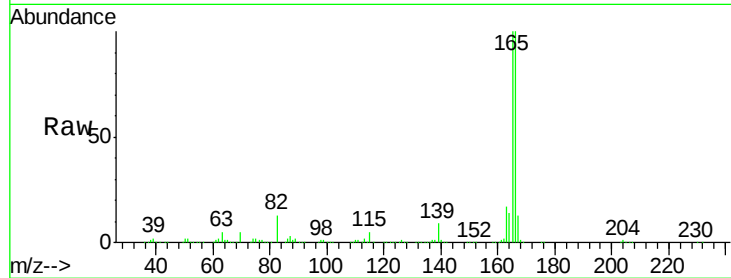
#57
 Fluorene
 Concen: 39.358 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB106643BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	849718		
165	99.7	79.8	119.8	
167	13.1	10.6	16.0	

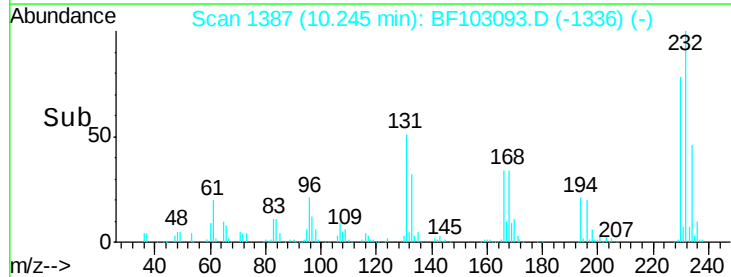
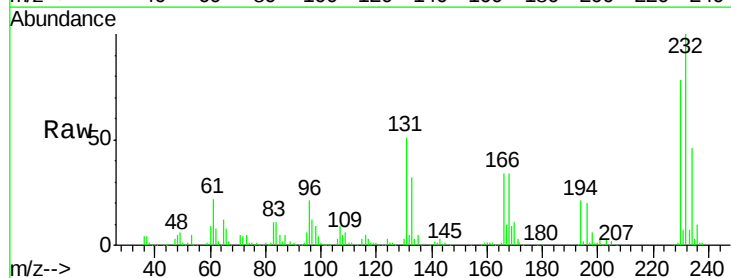
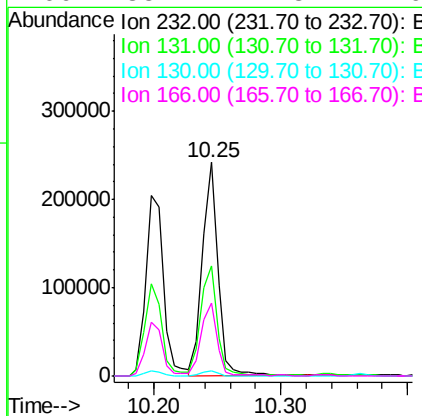
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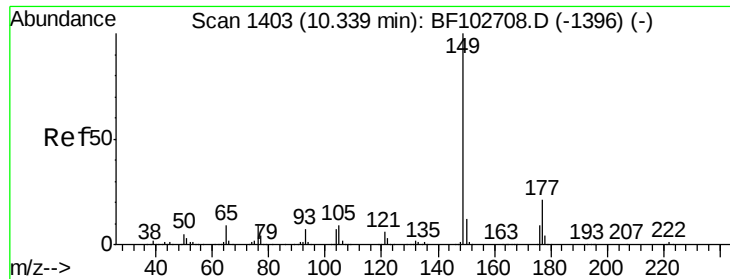
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.345 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	207019		
131	54.0	43.8	65.8	
130	2.6	2.1	3.1	
166	35.4	27.8	41.6	





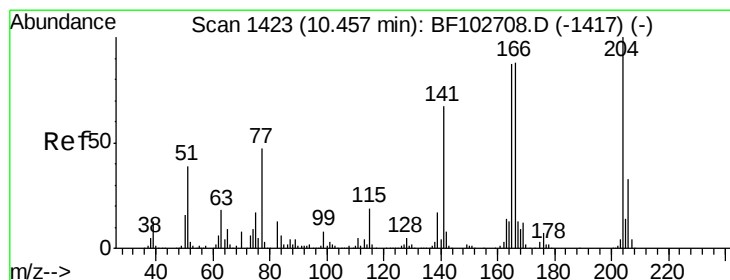
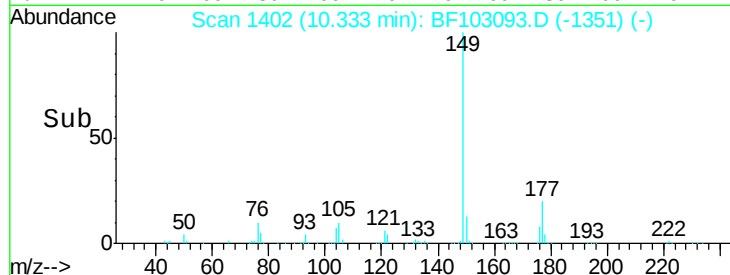
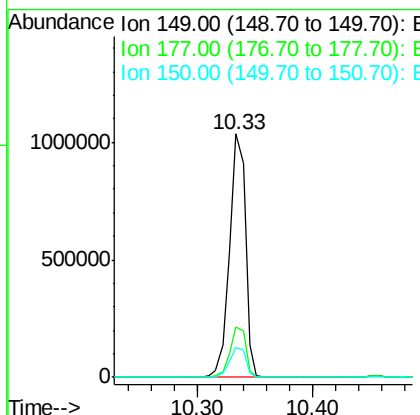
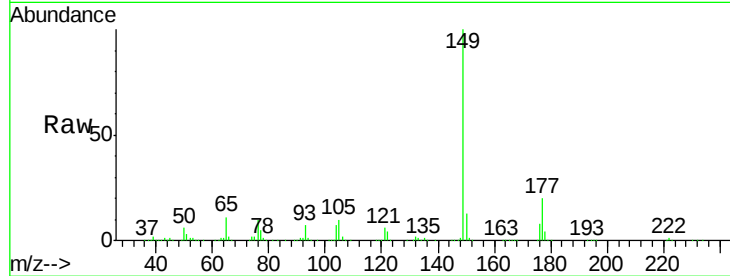
#59
Diethylphthalate
Concen: 37.553 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampled :
PB106643BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.1	24.1
150	12.5	10.1	15.1

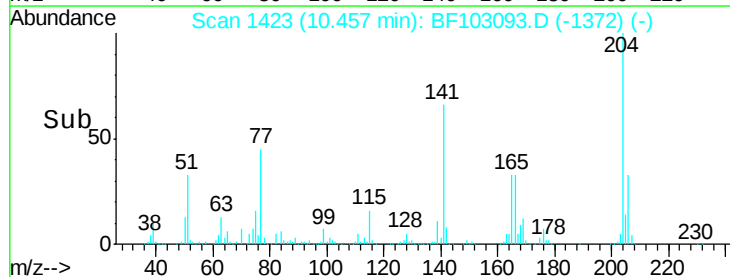
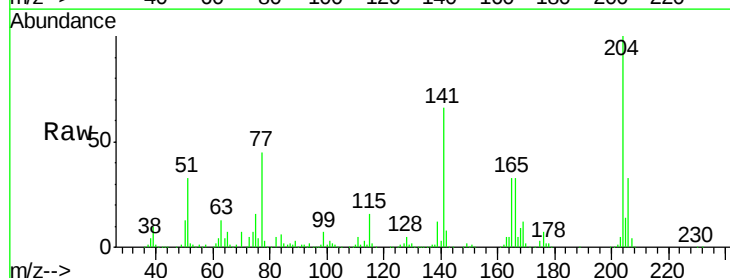
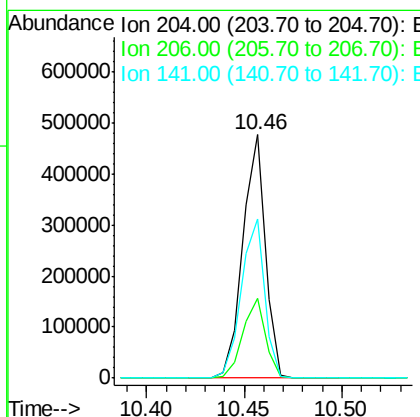
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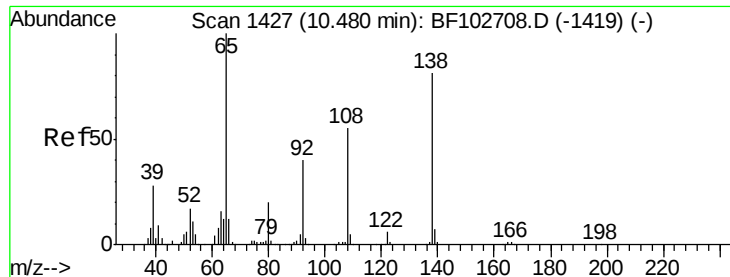
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 40.176 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	65.6	54.6	81.8





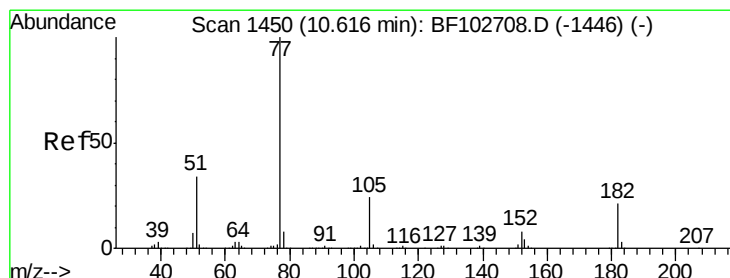
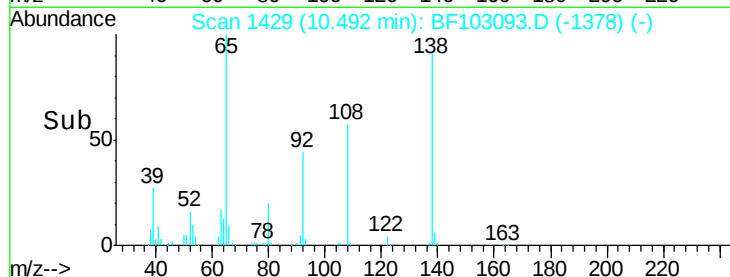
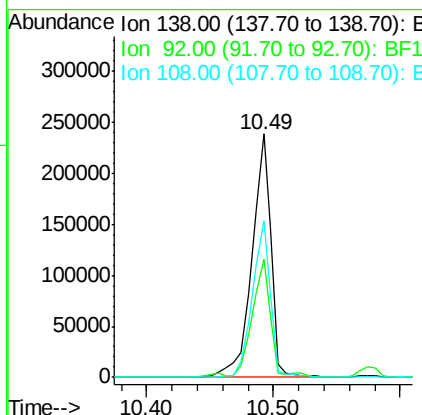
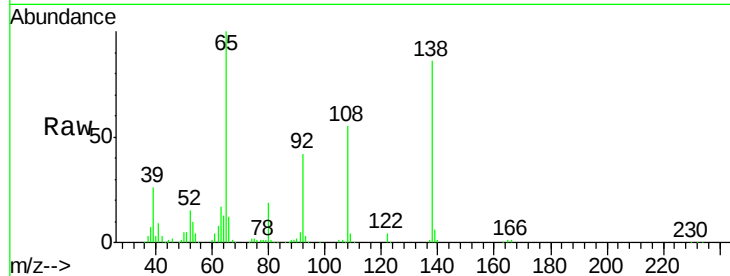
#61
4-Nitroaniline
Concen: 42.346 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :
PB106643BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	30.2	70.2
108	64.4	52.5	92.5

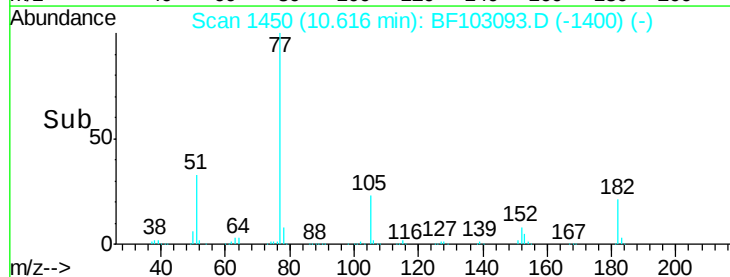
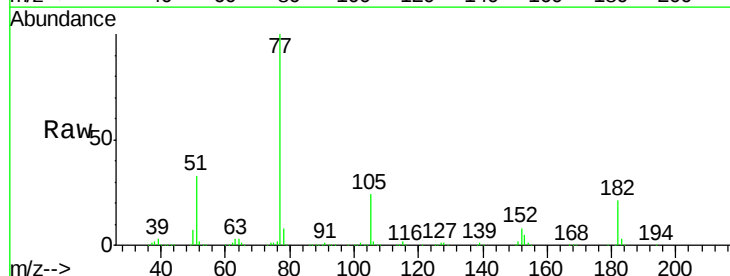
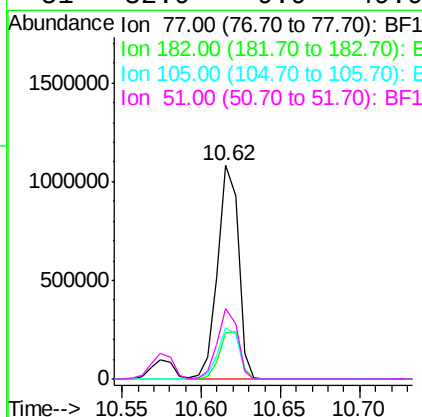
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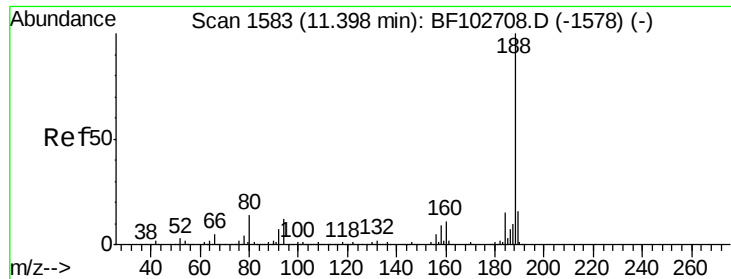
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#62
Azobenzene
Concen: 37.447 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.3	1.7	41.7
105	24.1	3.0	43.0
51	32.9	9.9	49.9





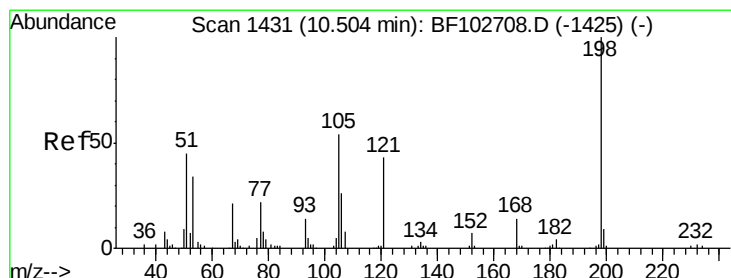
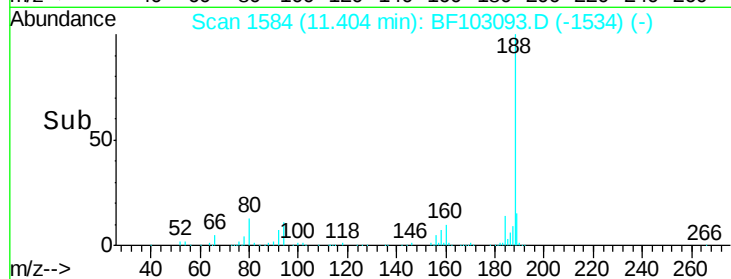
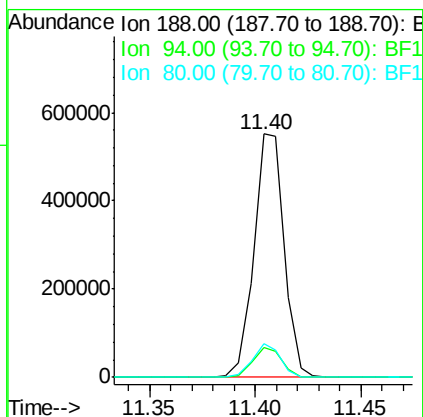
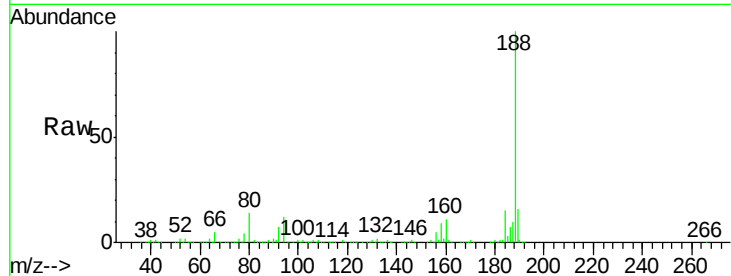
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :
PB106643BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	549201		
94	12.3	8.5	12.7	
80	13.7	9.2	13.8	

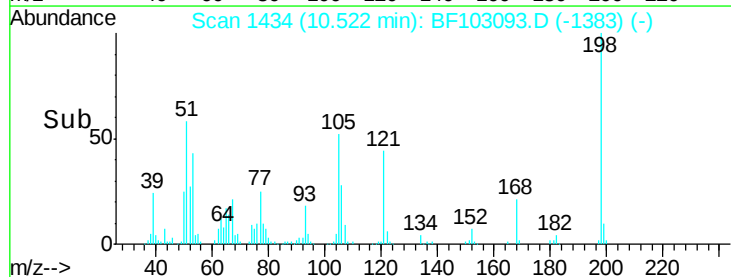
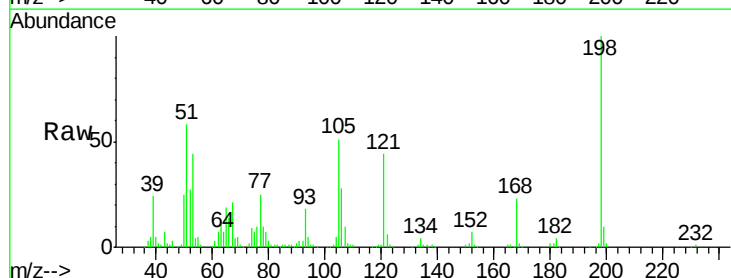
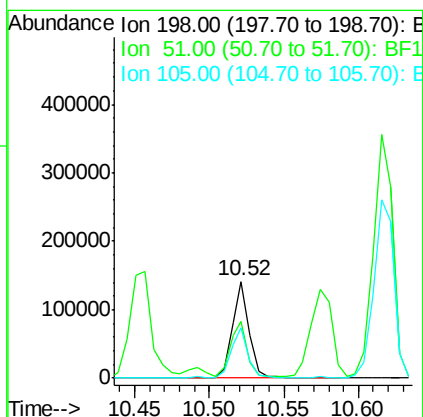
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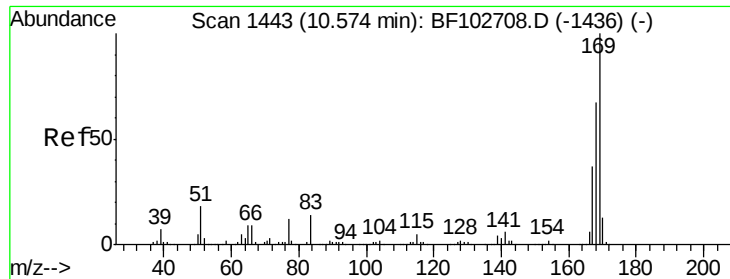
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.945 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	112661		
51	58.1	37.7	77.7	
105	51.4	36.3	76.3	





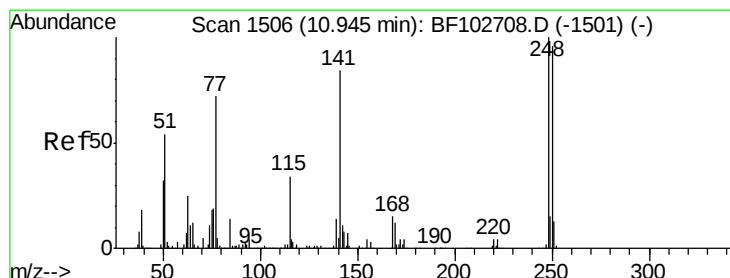
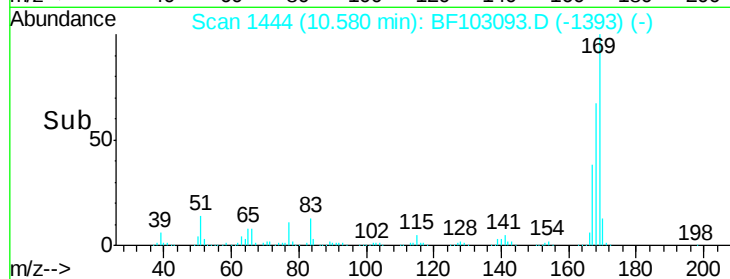
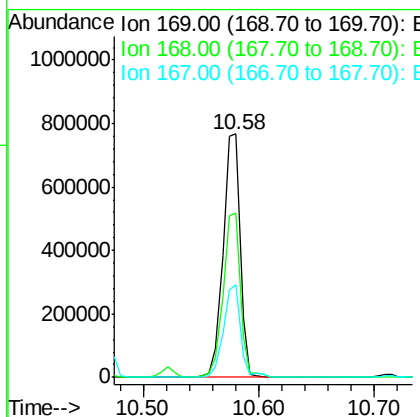
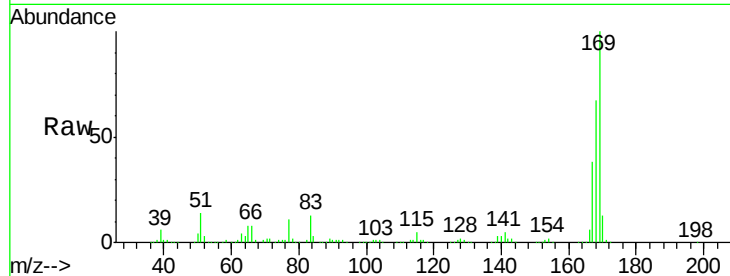
#65
 n-Nitrosodiphenylamine
 Concen: 40.548 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB106643BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	785486		
168	67.4		54.4	81.6
167	37.8		29.8	44.6

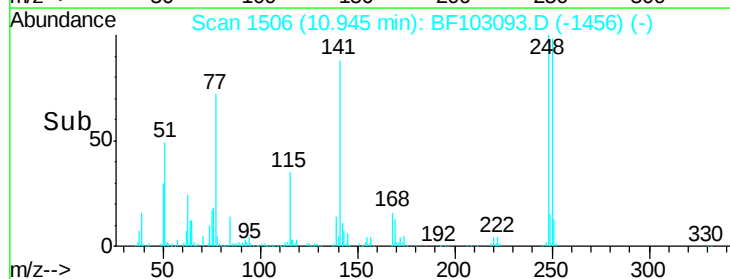
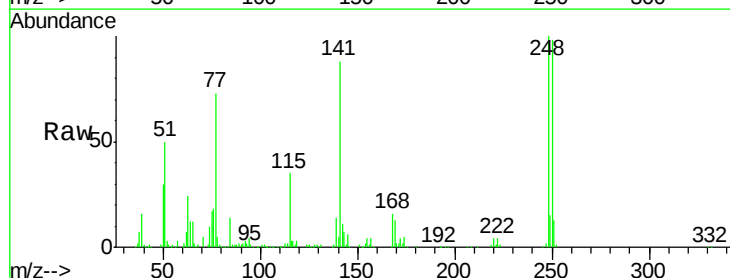
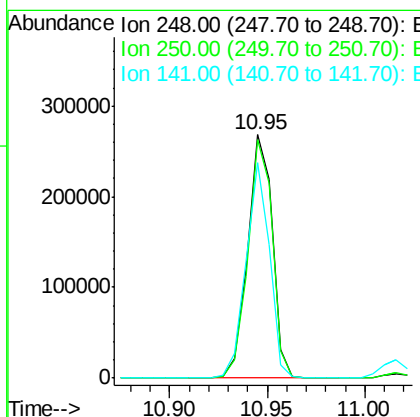
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#66
 4-Bromophenyl-phenylether
 Concen: 40.545 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	235545		
250	98.0		76.9	115.3
141	88.4		74.4	111.6





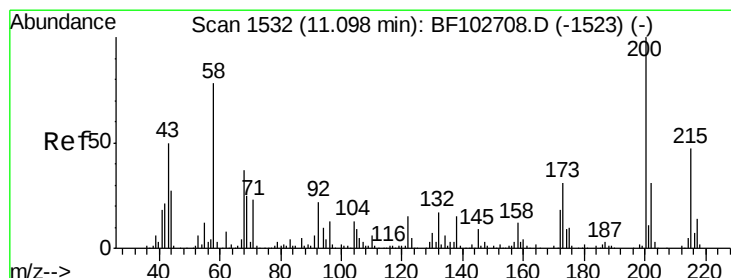
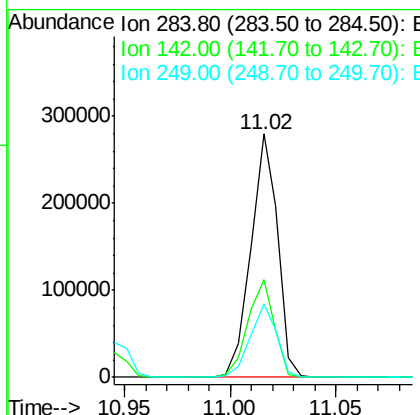
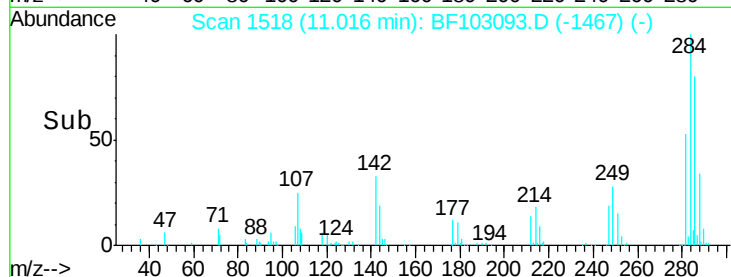
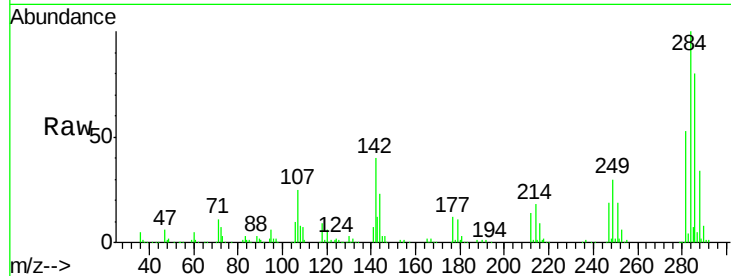
#67
Hexachlorobenzene
Concen: 38.332 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :
PB106643BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	245670		
142	40.1	34.6	52.0	
249	30.2	24.8	37.2	

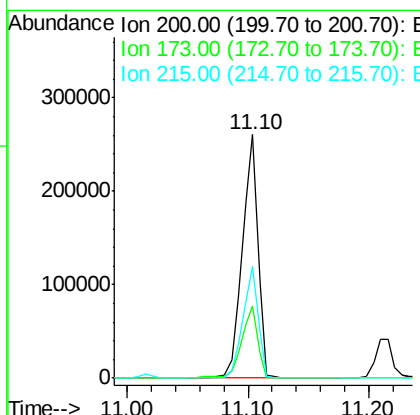
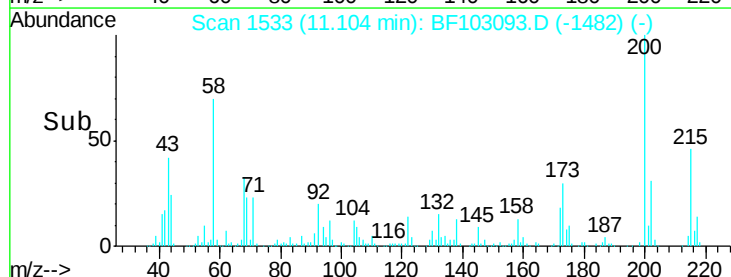
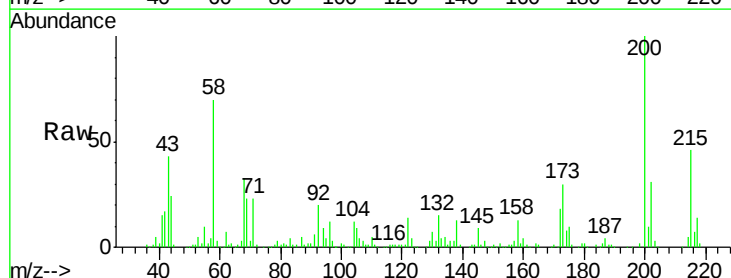
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#68
Atrazine
Concen: 41.608 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	237786		
173	29.6	8.6	48.6	
215	45.7	25.1	65.1	





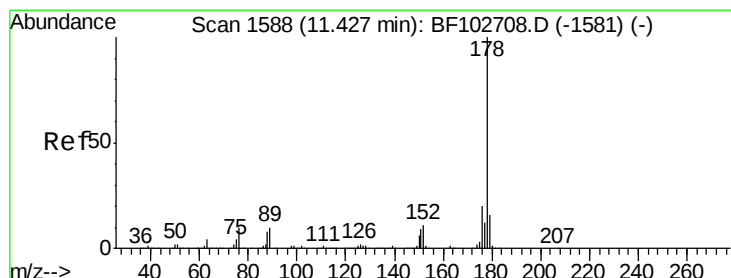
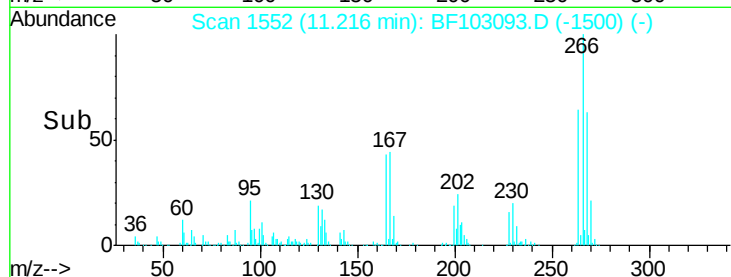
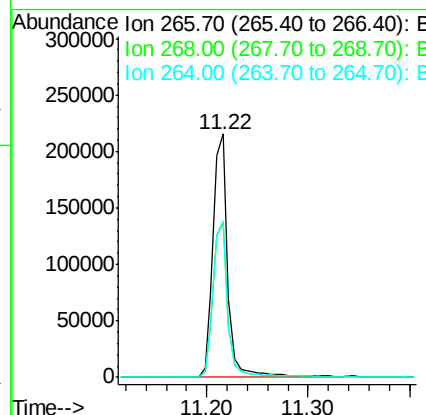
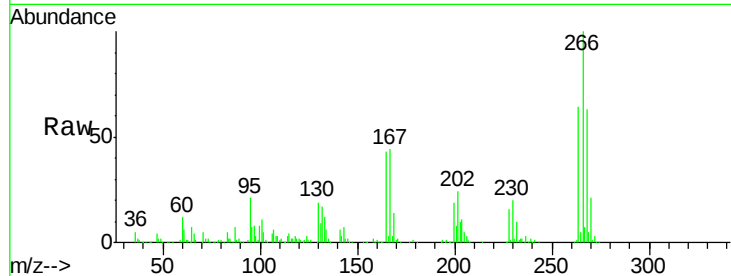
#69
 Pentachlorophenol
 Concen: 58.735 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Instrument :
 BNA_F
 ClientSampleID :
 PB106643BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	220973		
268	63.1		51.1	76.7
264	64.2		49.5	74.3

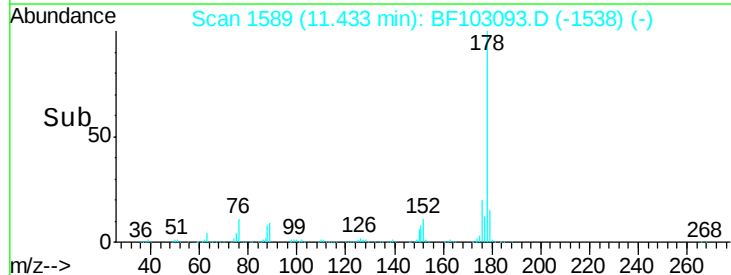
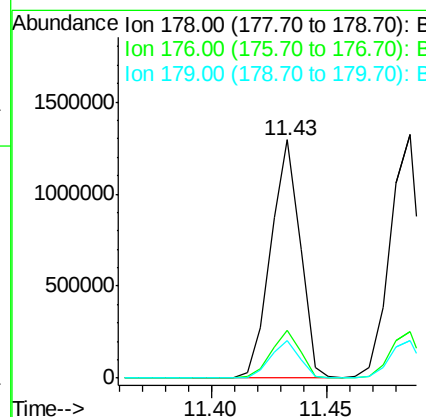
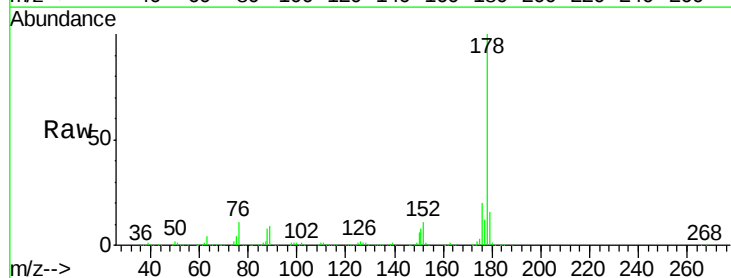
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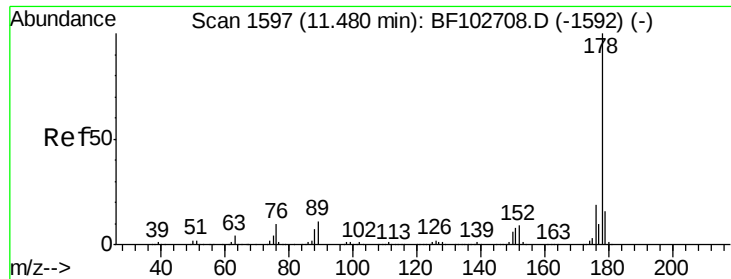
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#70
 Phenanthrene
 Concen: 37.398 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1143896		
176	20.0		15.8	23.8
179	15.8		13.0	19.6





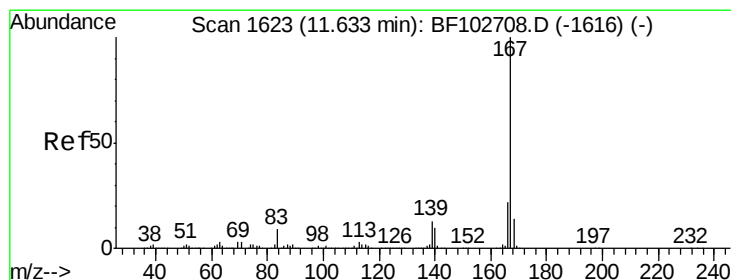
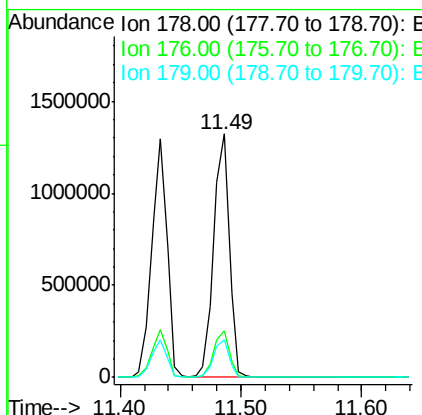
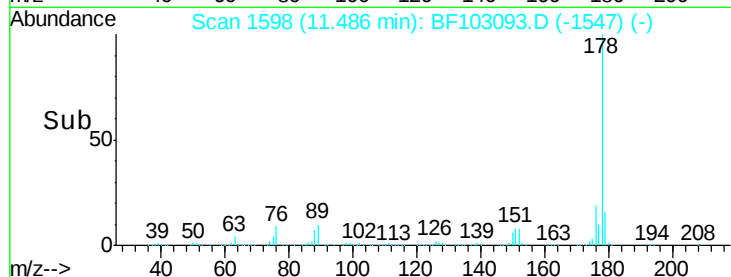
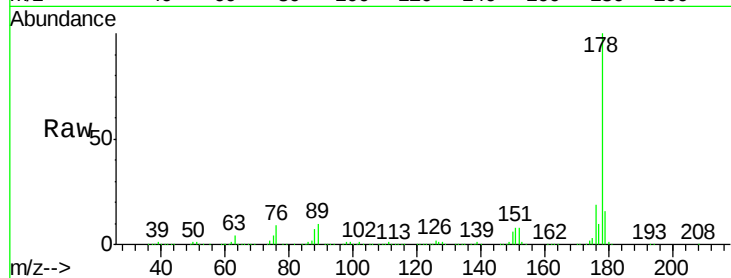
#71
 Anthracene
 Concen: 37.960 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB106643BS

Tgt Ion:178 Resp: 1180941
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.6 12.6 19.0

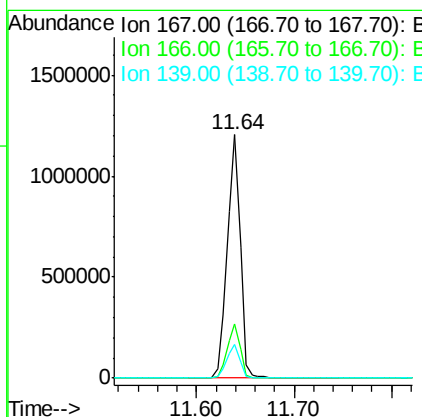
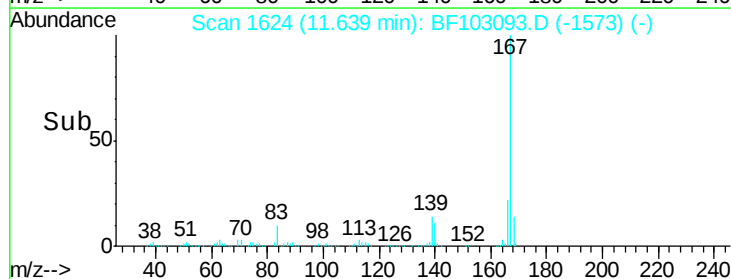
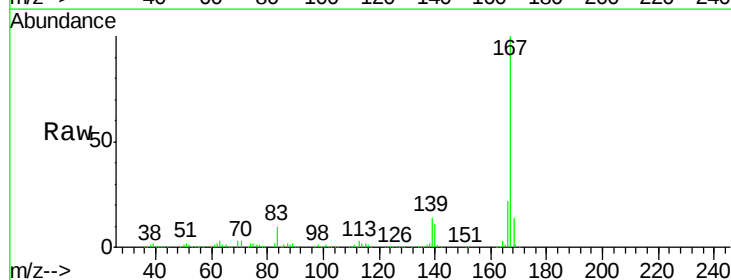
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#72
 Carbazole
 Concen: 36.684 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Tgt Ion:167 Resp: 1118056
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.1 10.9 16.3





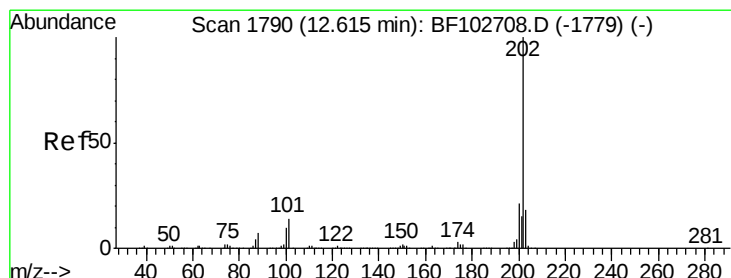
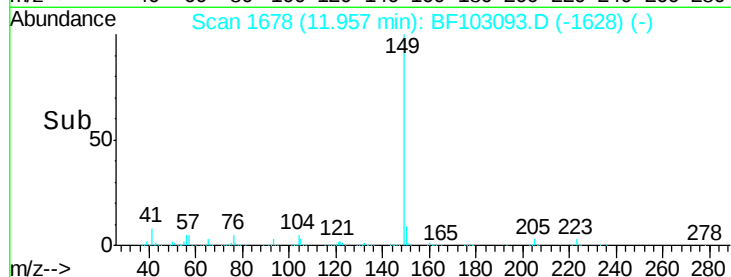
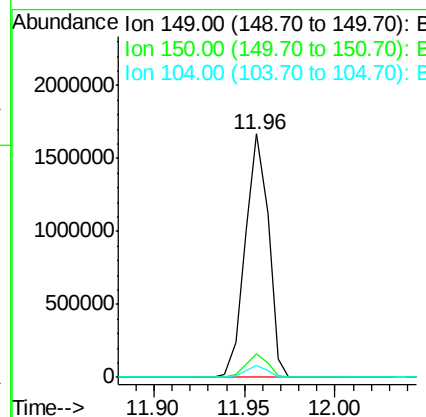
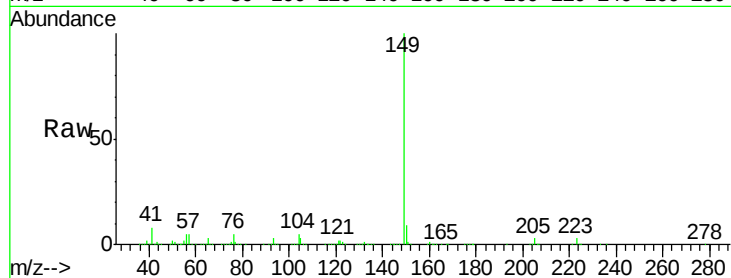
#73
Di-n-butylphthalate
Concen: 40.114 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :
PB106643BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.9	3.8	5.8

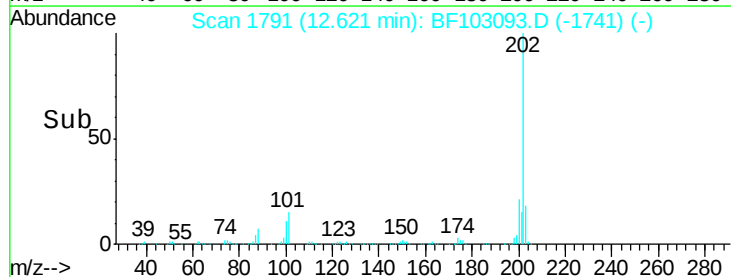
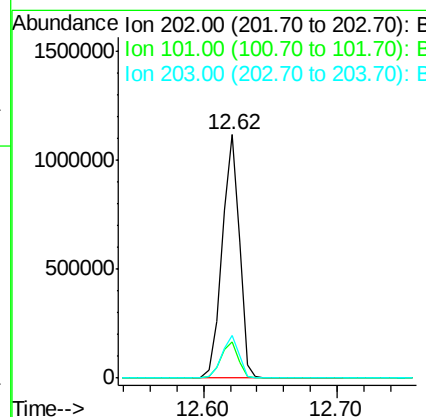
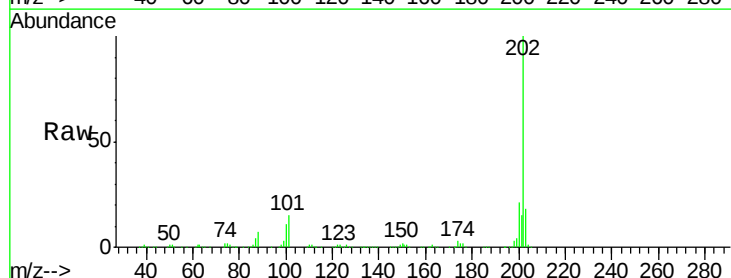
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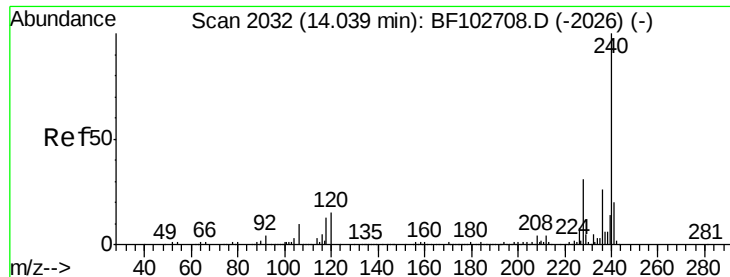
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#74
Fluoranthene
Concen: 33.218 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

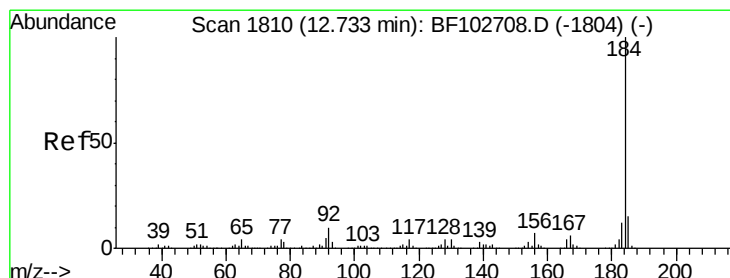
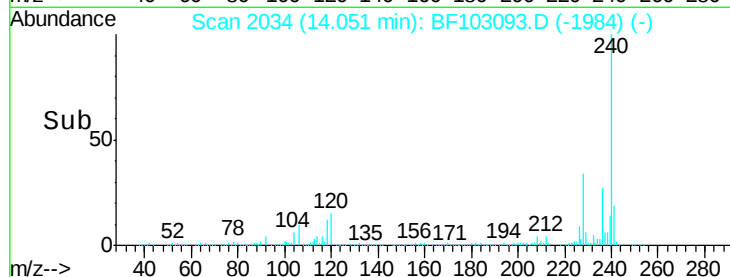
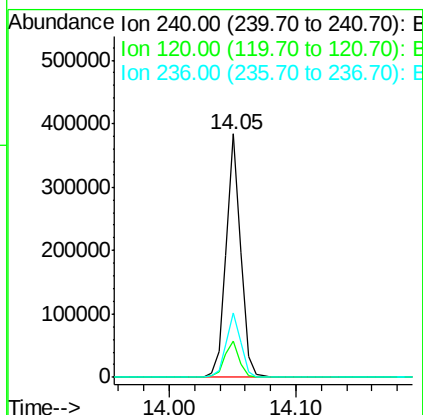
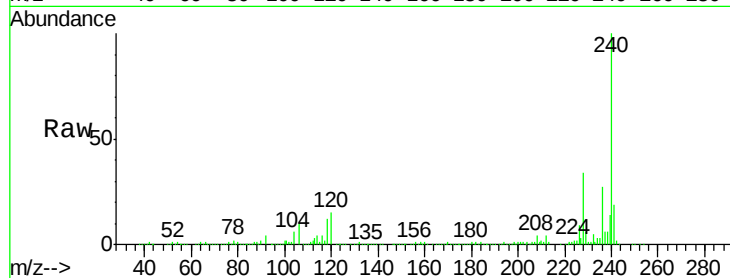
ClientSampleId :

PB106643BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	26.5	20.7	31.1

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#76

Benzidine

Concen: 31.325 ng

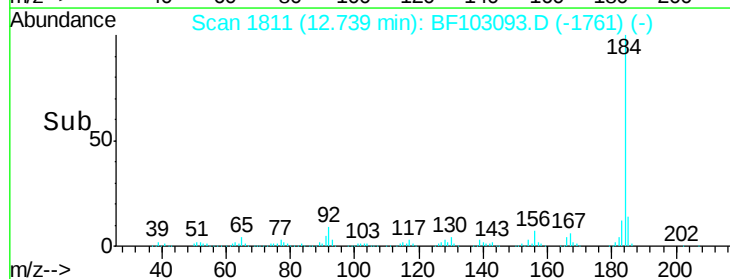
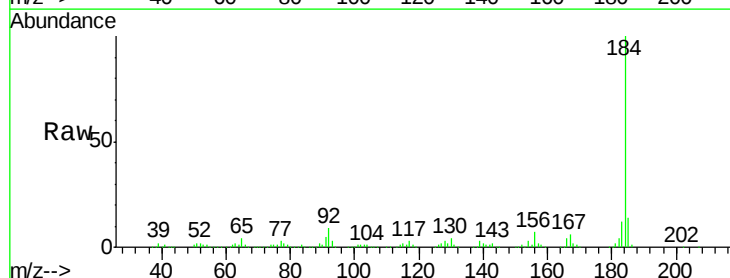
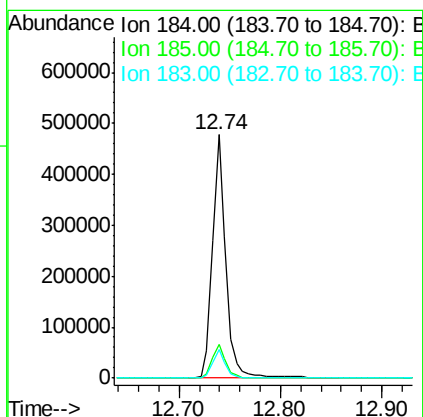
RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.6	18.8
183	11.9	9.3	13.9





#77

Pyrene

Concen: 41.980 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

ClientSampled :

PB106643BS

Tgt Ion:202 Resp: 1006960

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

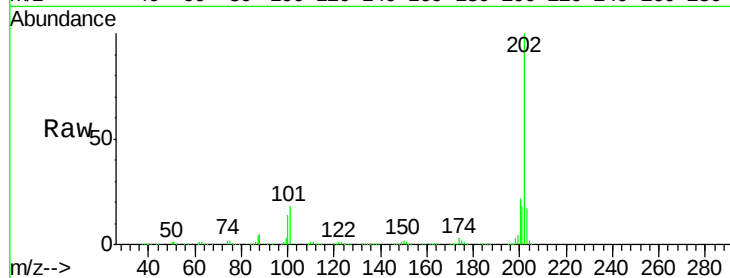
203 17.4 14.3 21.5

Manual Integrations

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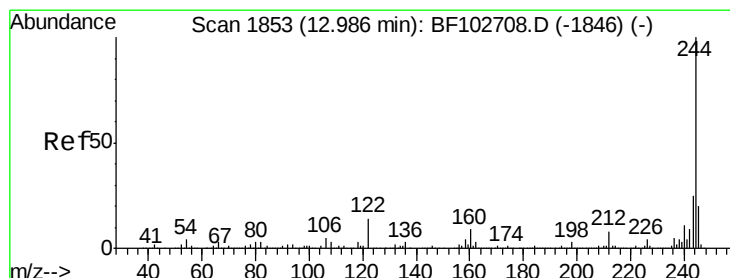
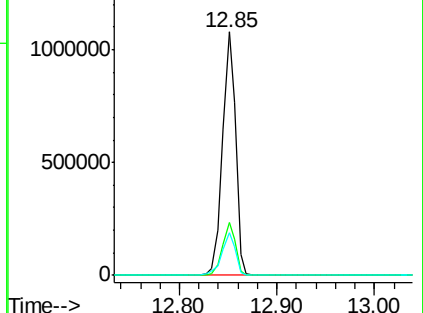
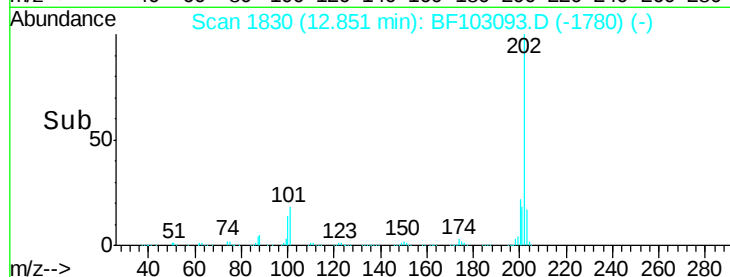
2/20/2018 10:20:47 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.008 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

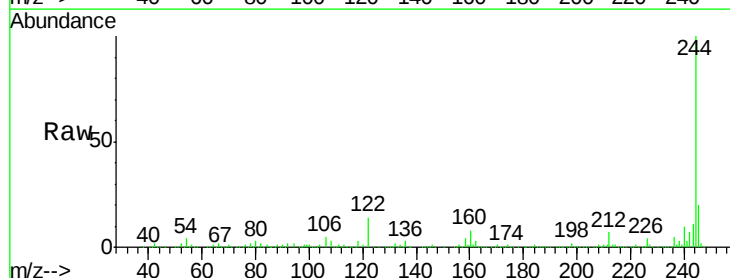
Tgt Ion:244 Resp: 1214480

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

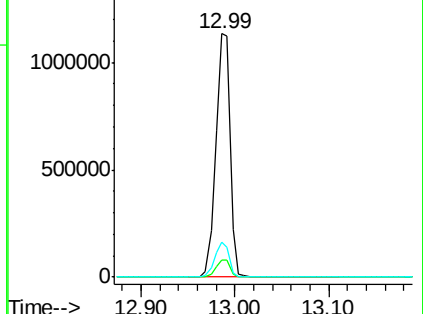
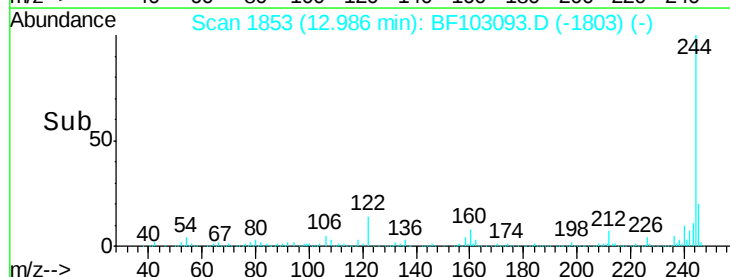
122 14.4 11.0 16.4



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





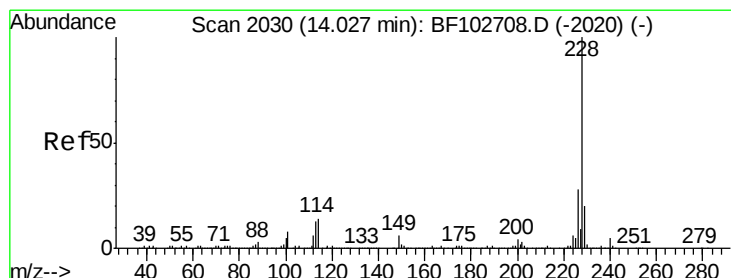
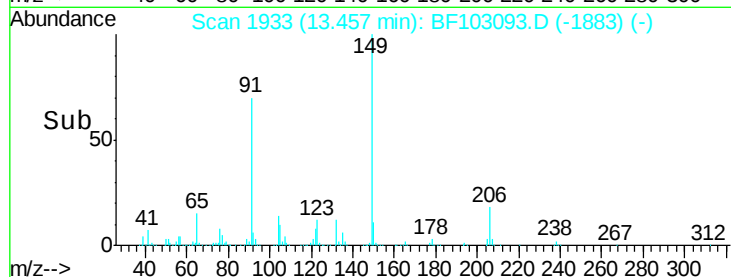
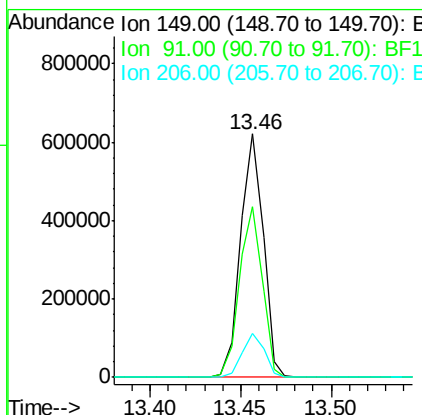
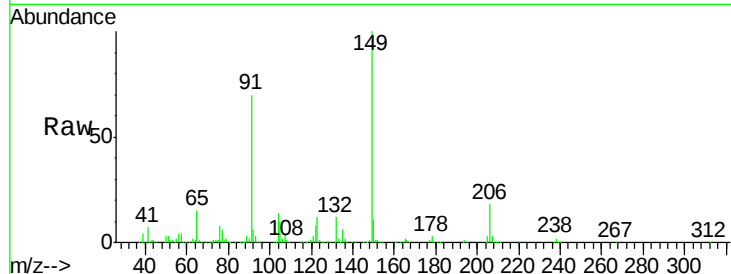
#79
Butylbenzylphthalate
Concen: 47.181 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :
PB106643BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	69.9	56.8	85.2
206	17.9	14.1	21.1

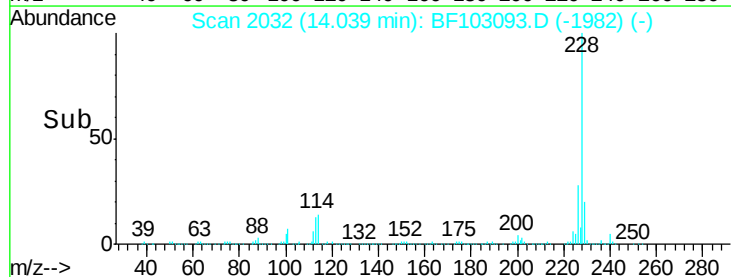
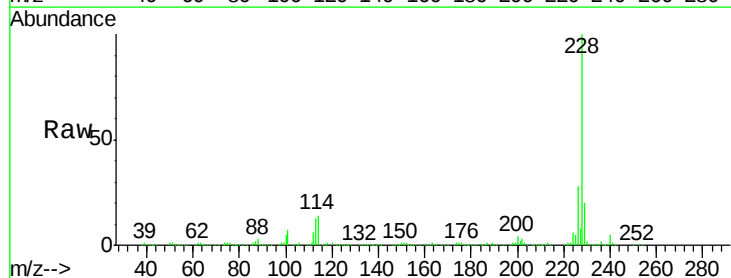
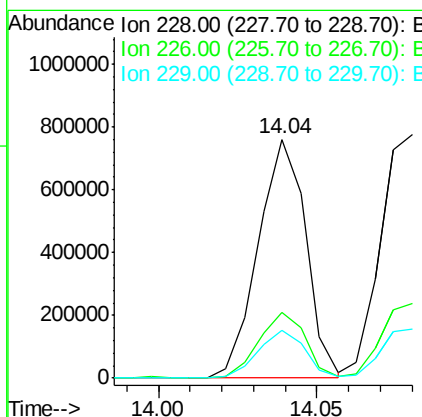
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#80
Benzo(a)anthracene
Concen: 41.364 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.7	22.6	33.8
229	20.0	15.8	23.6





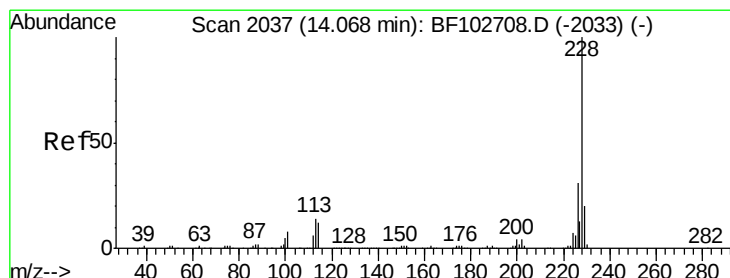
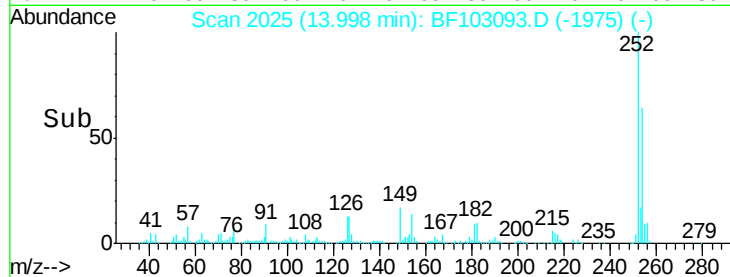
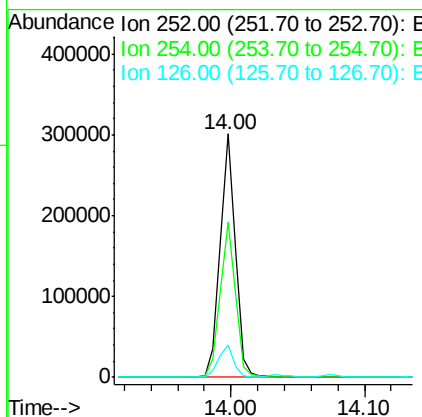
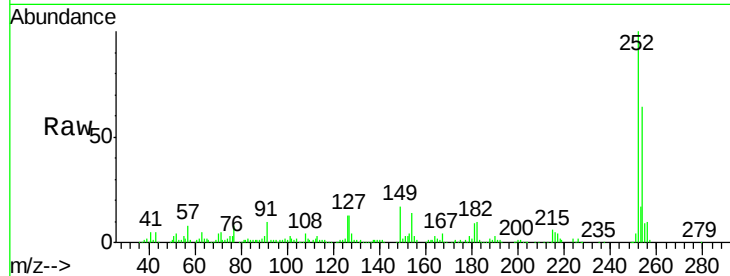
#81
 3,3'-Dichlorobenzidine
 Concen: 34.713 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB106643BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.7	50.4	75.6
126	13.4	11.3	16.9

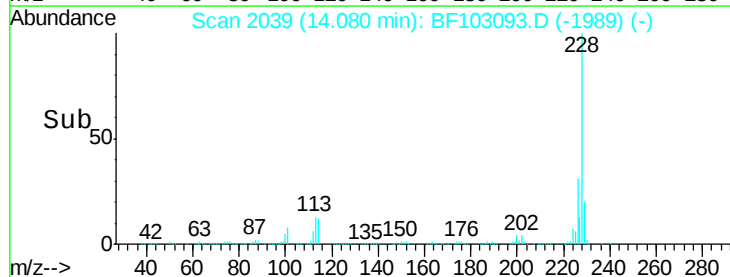
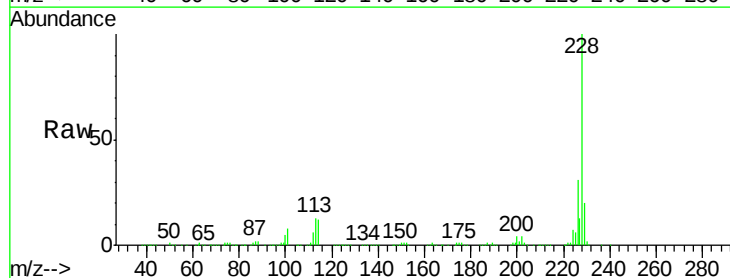
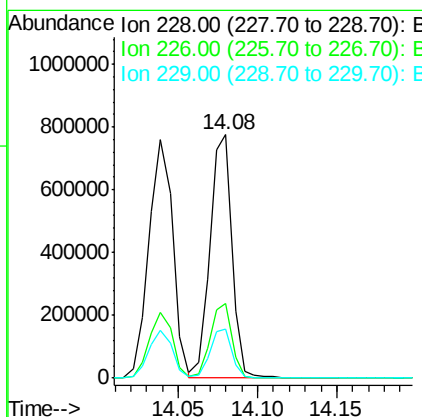
Manual Integrations
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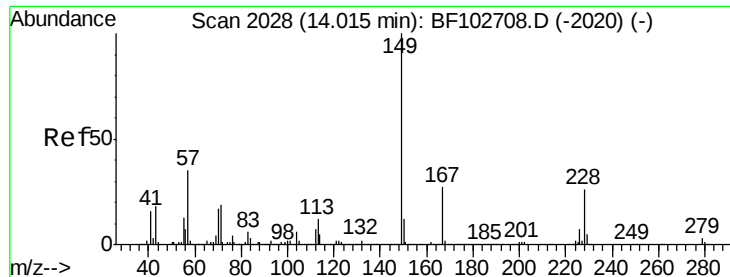
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#82
 Chrysene
 Concen: 38.708 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	25.0	37.6
229	20.3	16.2	24.4





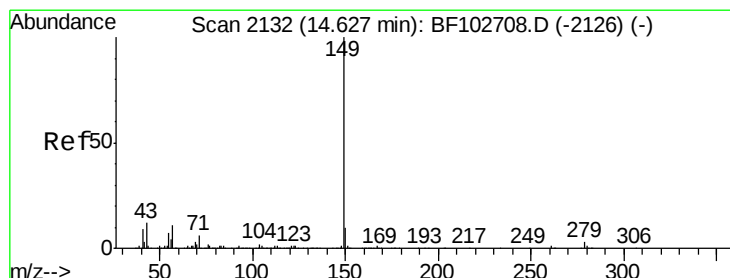
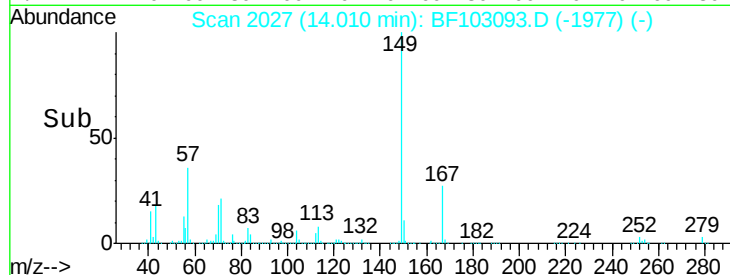
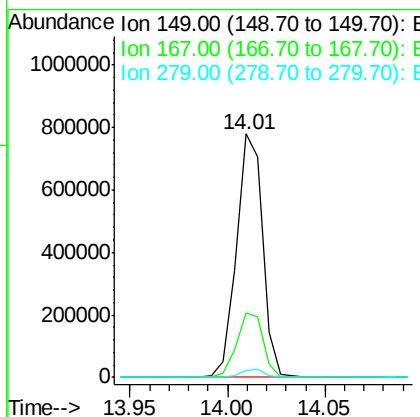
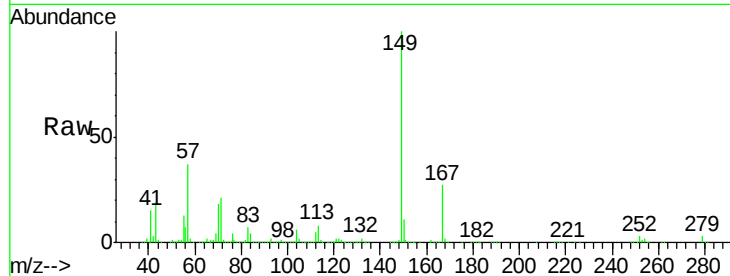
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.221 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB106643BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	2.9	3.0	4.4#

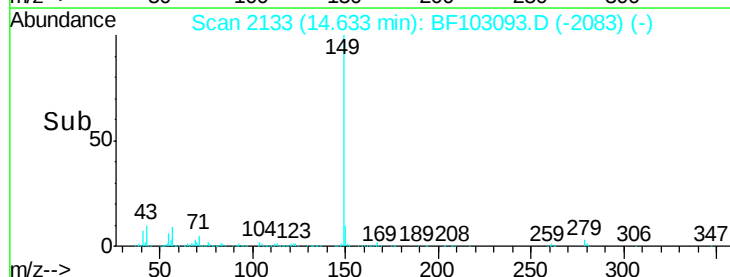
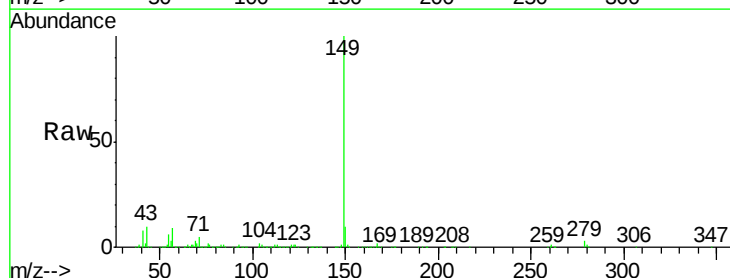
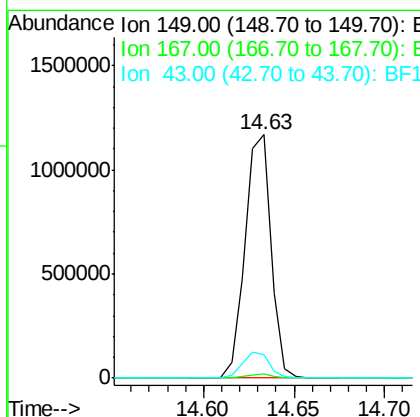
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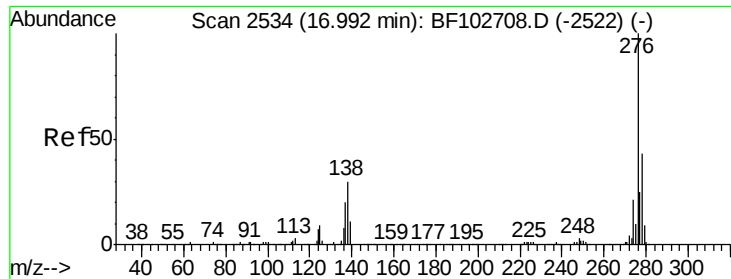
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#84
 Di-n-octyl phthalate
 Concen: 52.793 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

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





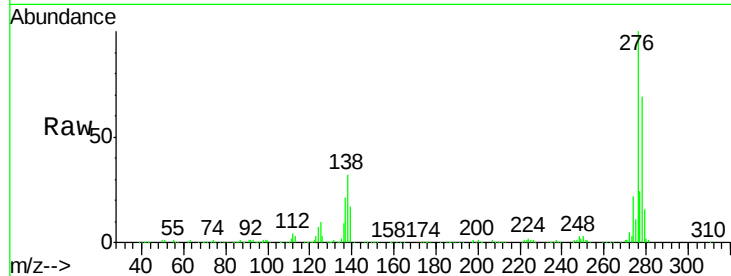
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.212 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB106643BS

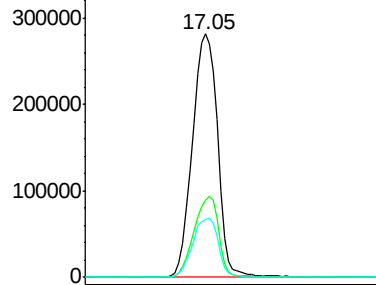
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.6	25.0	37.6
277	24.9	20.1	30.1

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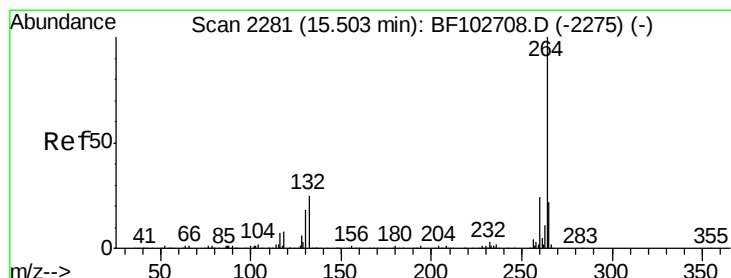
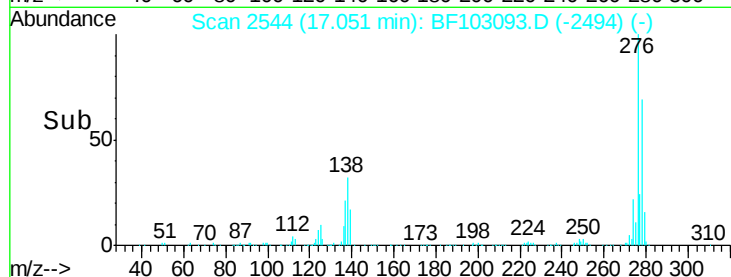
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

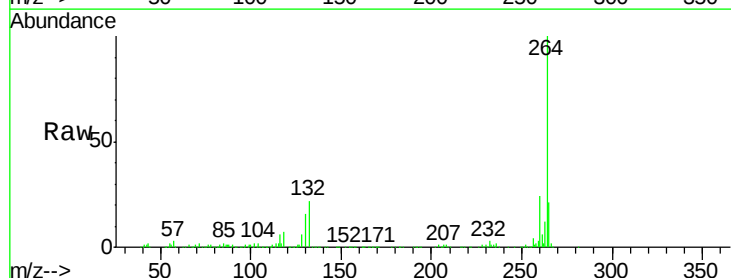


Time-->

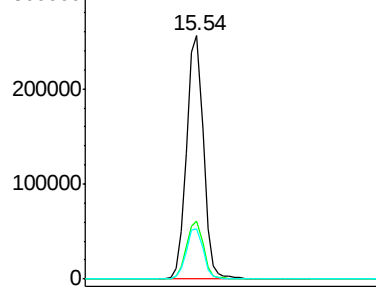


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

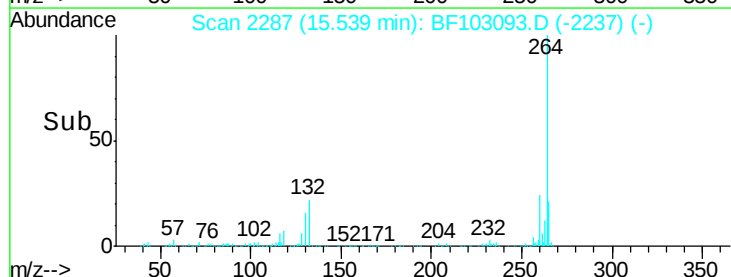
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.7	17.5	26.3

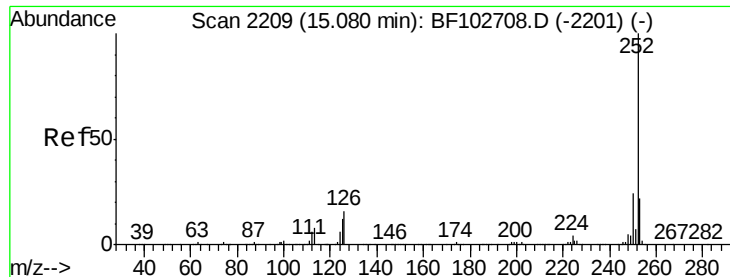


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 37.198 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Instrument :

BNA_F

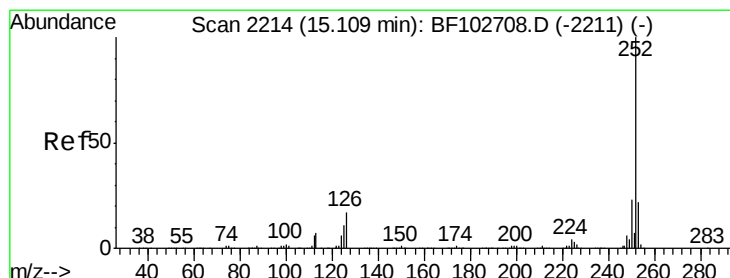
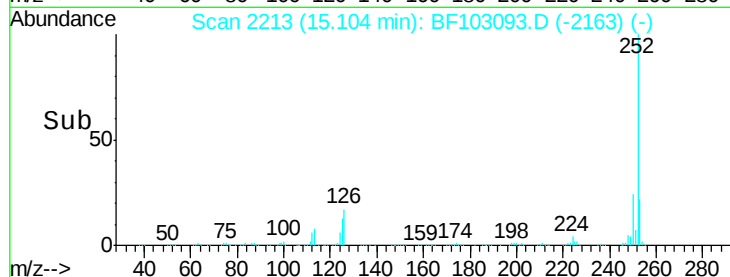
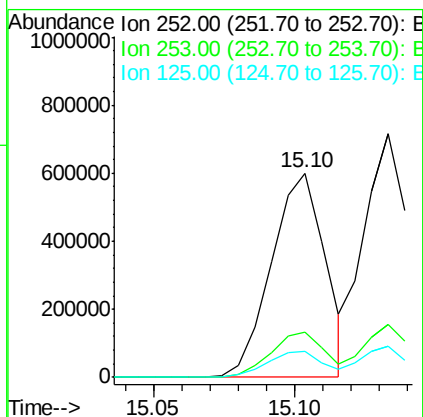
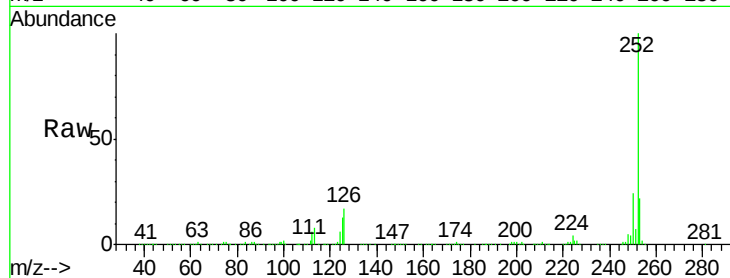
ClientSampleId :

PB106643BS

Tgt Ion:	252	Resp:	794968
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.0	25.6
125	13.0	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 37.969 ng

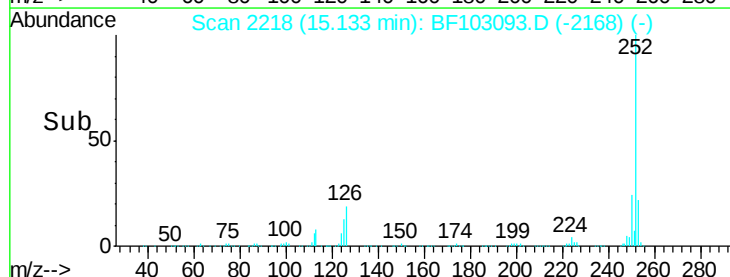
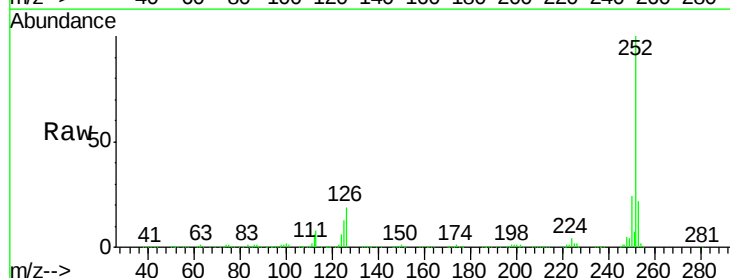
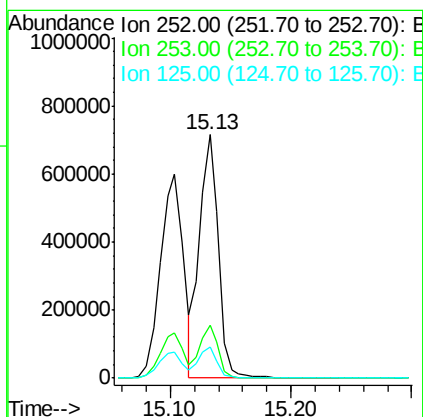
RT: 15.13 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BF103093.D

Acq: 19 Feb 2018 20:04

Tgt Ion:	252	Resp:	775337
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.9	26.9
125	12.9	10.2	15.2





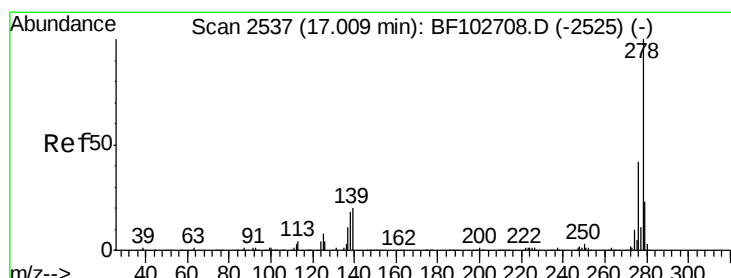
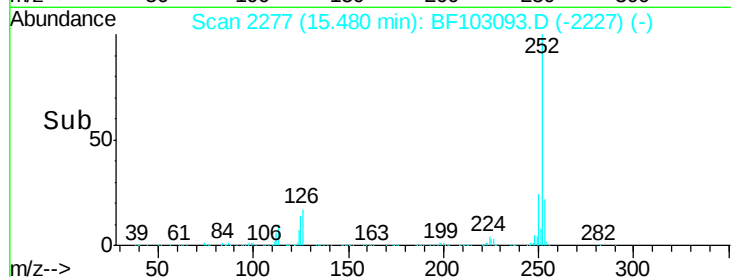
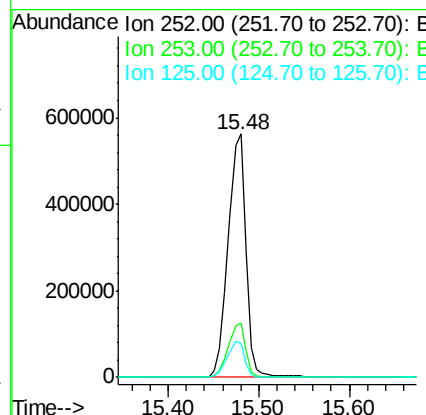
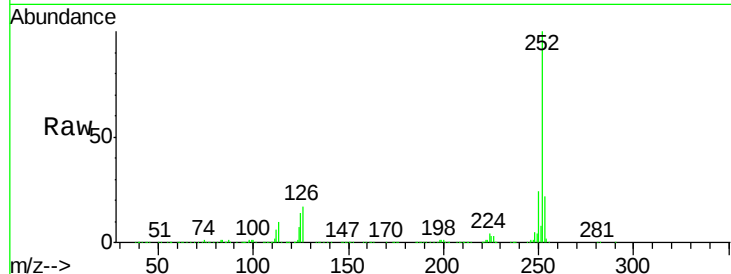
#89
Benzo(a)pyrene
Concen: 39.814 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Instrument :
BNA_F
ClientSampleId :
PB106643BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	13.7	9.8	14.6

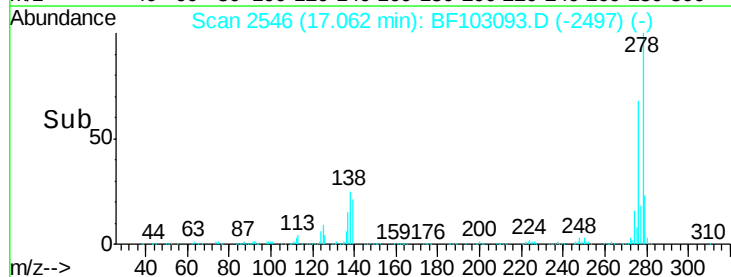
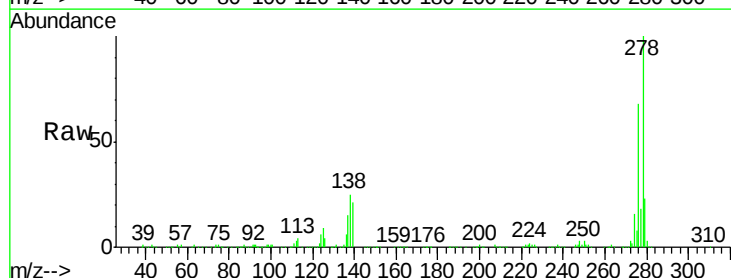
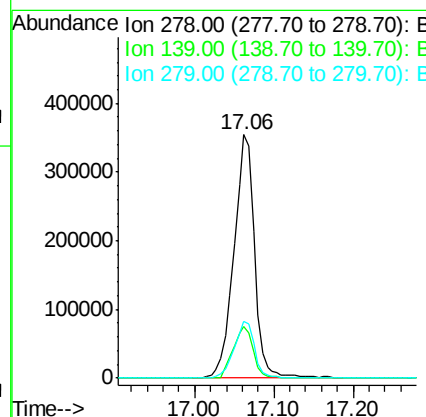
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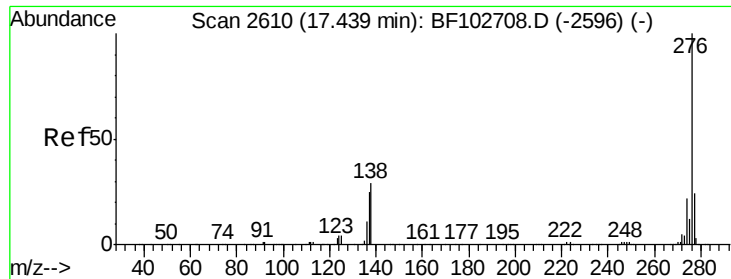
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#90
Dibenzo(a,h)anthracene
Concen: 40.869 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BF103093.D
Acq: 19 Feb 2018 20:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	15.9	23.9
279	23.1	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 39.859 ng
 RT: 17.51 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: BF103093.D
 Acq: 19 Feb 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB106643BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.3	17.9	26.9
138	29.5	21.8	32.8

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