

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103151.D
 Acq On : 21 Feb 2018 21:52
 Operator : SJ/JU
 Sample : PB106713BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106713BS

Manual Integrations
 APPROVED

Sohil
 2/22/2018 9:05:09 AM

Quant Time: Feb 22 02:45:57 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	154251	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	642753	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	273324	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	408881	20.00	ng	0.00
75) Chrysene-d12	14.05	240	264098	20.00	ng	0.00
86) Perylene-d12	15.54	264	224766	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1150387	113.26	ng	0.02
7) Phenol-d6	6.52	99	1387625	113.46	ng	0.00
23) Nitrobenzene-d5	7.45	82	906273	97.81	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	250620	113.92	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1350630	82.00	ng	0.00
78) Terphenyl-d14	12.99	244	1015603	91.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	188088	37.492	ng	91
3) Pyridine	3.50	79	530002	38.238	ng	96
4) n-Nitrosodimethylamine	3.45	42	259095	43.690	ng	99
6) Aniline	6.55	93	433651	24.011	ng	97
8) 2-Chlorophenol	6.67	128	429509	41.075	ng	98
9) Benzaldehyde	6.43	77	283069	31.168	ng	98
10) Phenol	6.53	94	545150	41.594	ng	93
11) bis(2-Chloroethyl)ether	6.62	93	431970	39.609	ng	92
12) 1,3-Dichlorobenzene	6.82	146	452833	37.396	ng	98
13) 1,4-Dichlorobenzene	6.89	146	457427	37.922	ng	99
14) 1,2-Dichlorobenzene	7.05	146	422271	37.585	ng	97
15) Benzyl Alcohol	7.02	79	371186	39.477	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	738027	35.624	ng	99
17) 2-Methylphenol	7.13	107	375940	38.976	ng	98
18) Hexachloroethane	7.39	117	147555	35.673	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	286185	35.492	ng	98
20) 3+4-Methylphenols	7.29	107	424184	35.662	ng	# 62
22) Acetophenone	7.29	105	555731	35.332	ng	# 89
24) Nitrobenzene	7.46	77	468180	42.954	ng	99
25) Isophorone	7.70	82	866570	40.617	ng	98
26) 2-Nitrophenol	7.77	139	227653	50.330	ng	93
27) 2,4-Dimethylphenol	7.81	122	395270	43.852	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	538917	42.640	ng	99
29) 2,4-Dichlorophenol	8.02	162	356102	43.459	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	346034	37.329	ng	97
31) Naphthalene	8.18	128	1186506	37.783	ng	100
32) Benzoic acid	7.93	122	185946	33.926	ng	97
33) 4-Chloroaniline	8.23	127	156944	11.601	ng	99
34) Hexachlorobutadiene	8.29	225	174826	36.805	ng	98
35) Caprolactam	8.61	113	129677m	45.570	ng	
36) 4-Chloro-3-methylphenol	8.72	107	394456	42.845	ng	99
37) 2-Methylnaphthalene	8.87	142	785550	38.207	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	296953	39.902	ng	99
40) Hexachlorocyclopentadiene	9.02	237	45089	12.745	ng	100

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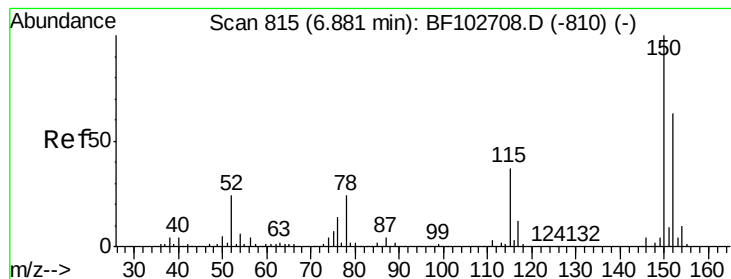
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	215583	44.103	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	230803	41.892	nq	98
45) 1,1'-Biphenyl	9.33	154	885936	38.483	nq	98
46) 2-Chloronaphthalene	9.36	162	714318	39.413	nq	99
47) 2-Nitroaniline	9.46	65	278175	49.614	nq	92
48) Acenaphthylene	9.78	152	1058098	37.588	nq	99
49) Dimethylphthalate	9.63	163	865899	40.630	nq	99
50) 2,6-Dinitrotoluene	9.70	165	182175	44.931	nq	98
51) Acenaphthene	9.95	154	599775	35.628	nq	99
52) 3-Nitroaniline	9.87	138	145124	29.089	nq	94
53) 2,4-Dinitrophenol	9.99	184	41896	45.371	nq #	21
54) Dibenzofuran	10.12	168	903364	38.078	nq	96
55) 4-Nitrophenol	10.04	139	282962	69.570	nq	90
56) 2,4-Dinitrotoluene	10.11	165	228260	42.362	nq	98
57) Fluorene	10.47	166	685816	39.732	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	154170	40.374	nq	97
59) Diethylphthalate	10.33	149	815142	38.737	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	312219	40.889	nq	95
61) 4-Nitroaniline	10.49	138	192231	40.480	nq	93
62) Azobenzene	10.62	77	812587	38.654	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	35711	27.097	nq	91
65) n-Nitrosodiphenylamine	10.57	169	628395	43.571	nq	98
66) 4-Bromophenyl-phenylether	10.95	248	181866	42.048	nq	96
67) Hexachlorobenzene	11.02	284	186582	39.103	nq	95
68) Atrazine	11.10	200	187845	44.149	nq	98
69) Pentachlorophenol	11.21	266	159910	57.091	nq	98
70) Phenanthrene	11.43	178	875335	38.439	nq	99
71) Anthracene	11.49	178	906665	39.146	nq	99
72) Carbazole	11.64	167	863302	38.046	nq	100
73) Di-n-butylphthalate	11.96	149	1185327	43.004	nq	99
74) Fluoranthene	12.62	202	811095	35.402	nq	99
76) Benzidine	12.75	184	642072	52.898	nq	98
77) Pyrene	12.85	202	809455	39.086	nq	99
79) Butylbenzylphthalate	13.46	149	452361	45.715	nq	98
80) Benzo(a)anthracene	14.04	228	691257	41.619	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	265421	43.099	nq	99
82) Chrysene	14.08	228	661793	39.527	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	610941	48.157	nq	100
84) Di-n-octyl phthalate	14.63	149	1037684	54.475	nq	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	515070	37.092	nq	98
87) Benzo(b)fluoranthene	15.10	252	578447	39.695	nq	98
88) Benzo(k)fluoranthene	15.13	252	582727	41.851	nq	99
89) Benzo(a)pyrene	15.48	252	538308	41.039	nq	97
90) Dibenzo(a,h)anthracene	17.07	278	439143	41.247	nq	100
91) Benzo(g,h,i)perylene	17.52	276	431050	41.364	nq	96

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



#1

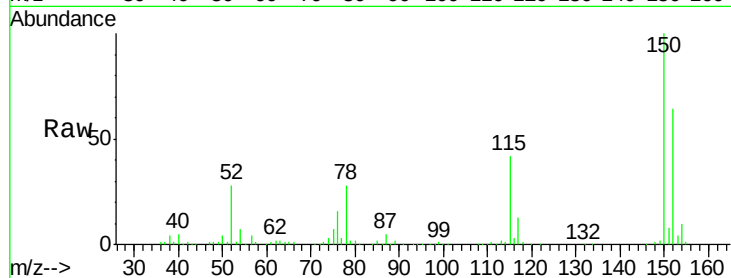
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampleId :
PB106713BS

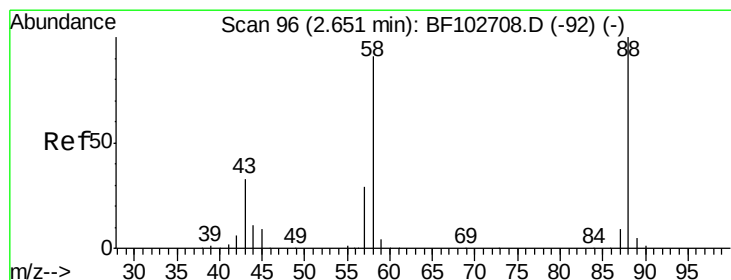
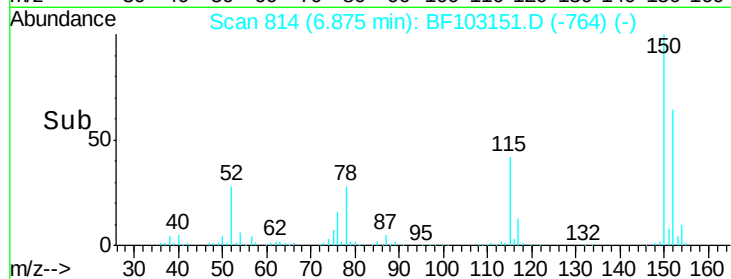
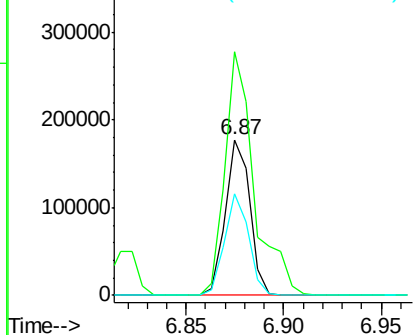
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	65.1	50.1	75.1

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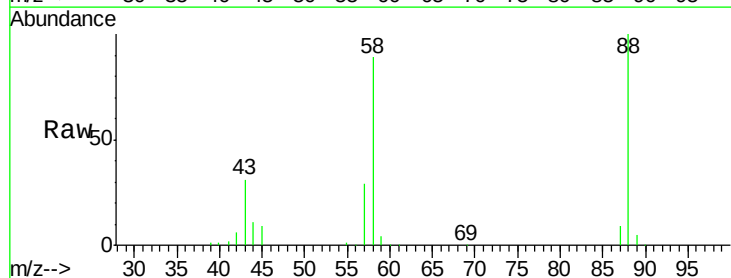
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



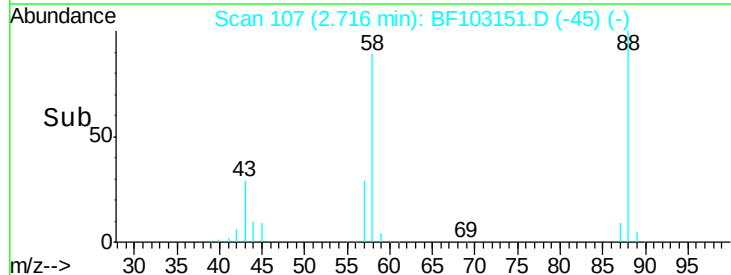
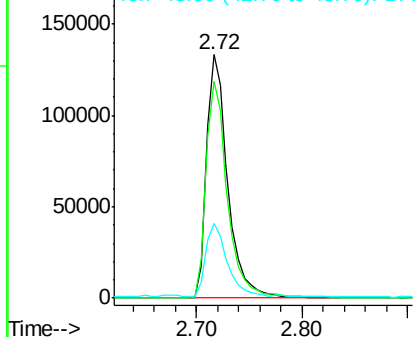
#2

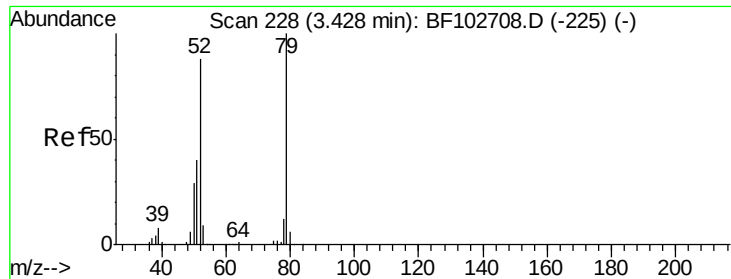
1,4-Dioxane
Concen: 37.492 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.06 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.1	62.6	93.8
43	30.6	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.238 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.07 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

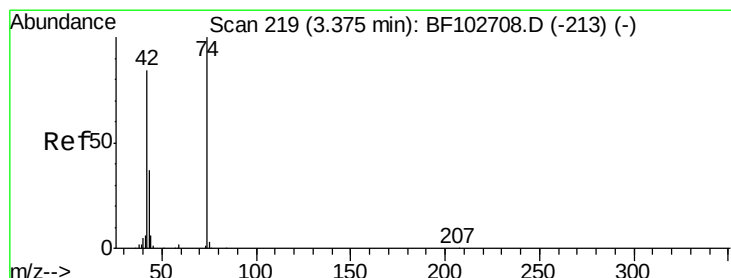
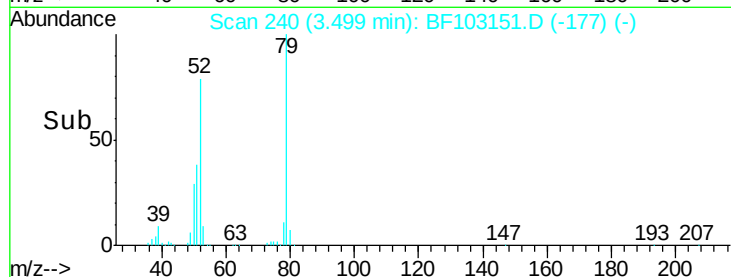
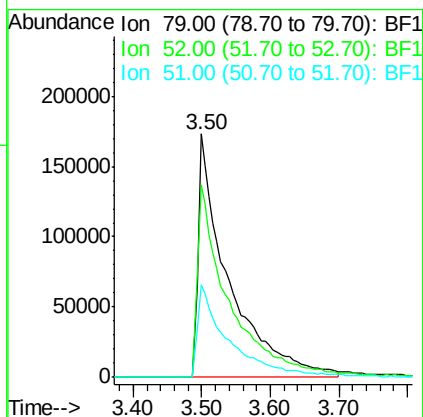
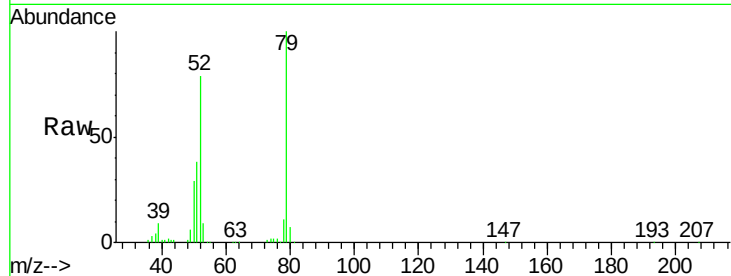
ClientSampleId :

PB106713BS

Tot Ion:	79	Resp:	530002
Ion Ratio	Lower	Upper	
79	100		
52	78.9	59.8	89.6
51	38.2	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 43.690 ng

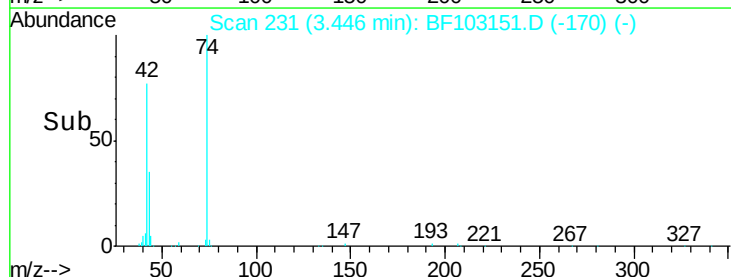
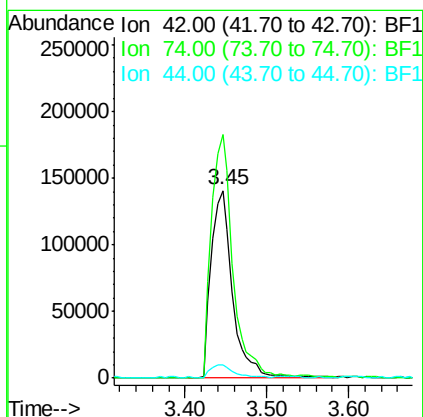
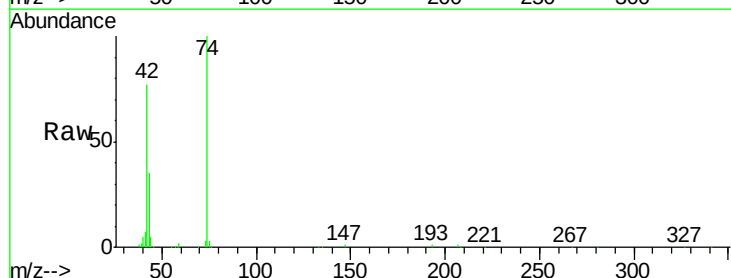
RT: 3.45 min Scan# 231

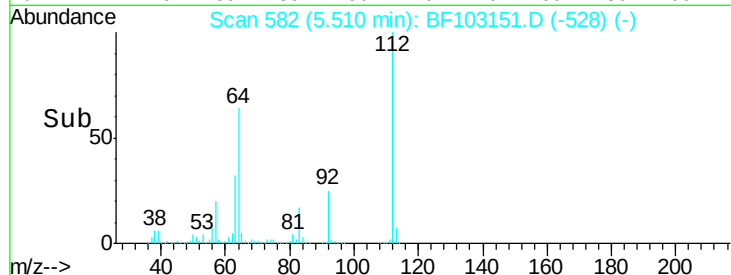
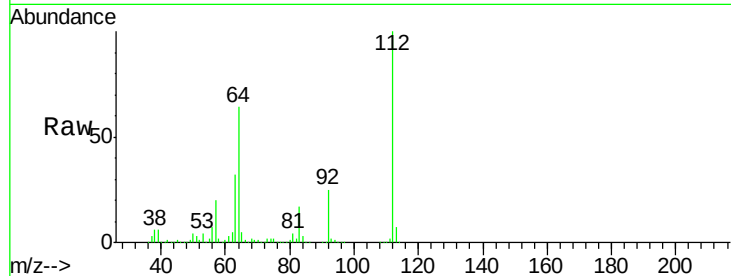
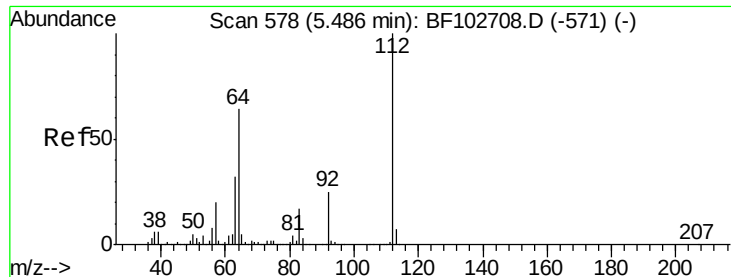
Delta R.T. 0.06 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Tgt Ion:	42	Resp:	259095
Ion Ratio	Lower	Upper	
42	100		
74	129.7	104.9	157.3
44	7.0	6.9	10.3





#5

2-Fluorophenol

Concen: 113.261 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Tot Ion:	112	Resp:	1150387
Ion	Ratio	Lower	Upper
112	100		
64	63.5	47.9	71.9
63	32.0	23.7	35.5

Instrument :

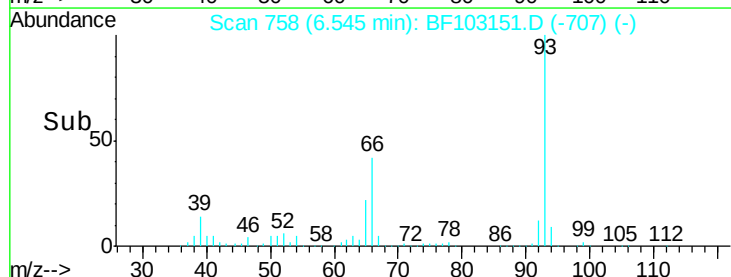
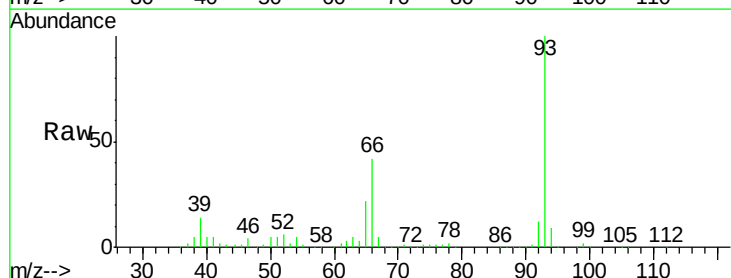
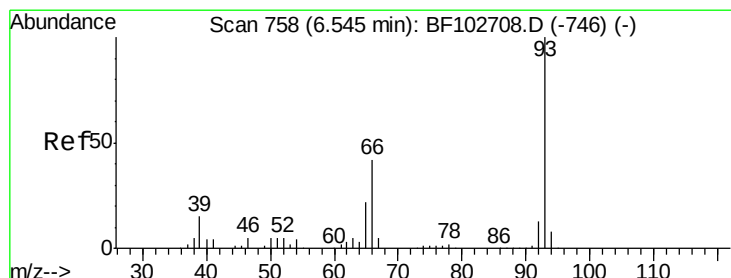
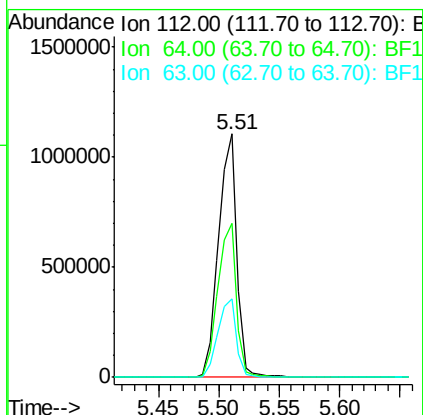
BNA_F

ClientSampled :

PB106713BS

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#6

Aniline

Concen: 24.011 ng

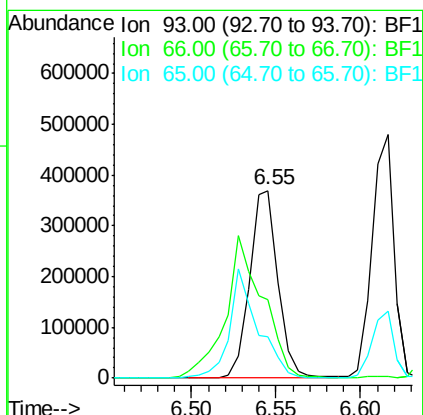
RT: 6.55 min Scan# 758

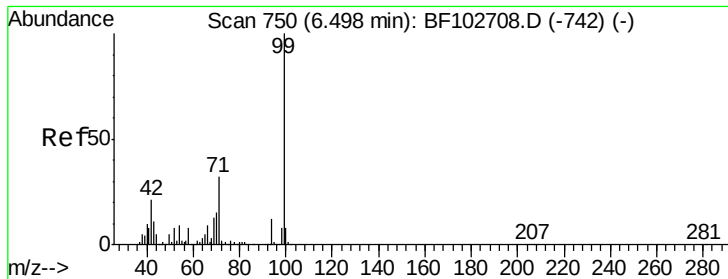
Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Tgt Ion:	93	Resp:	433651
Ion	Ratio	Lower	Upper
93	100		
66	41.8	32.2	48.2
65	22.0	16.4	24.6





#7

Phenol-d6

Concen: 113.463 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

PB106713BS

Tot Ion: 99 Resp: 1387625

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

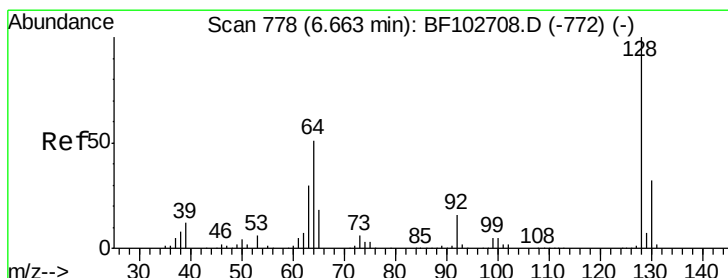
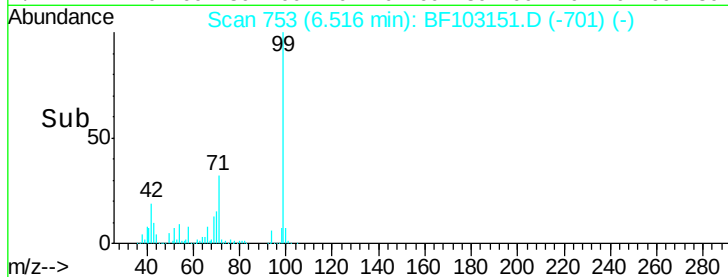
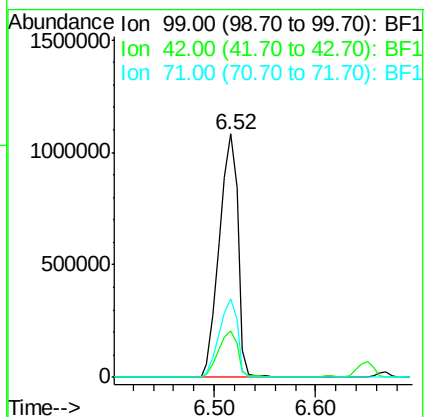
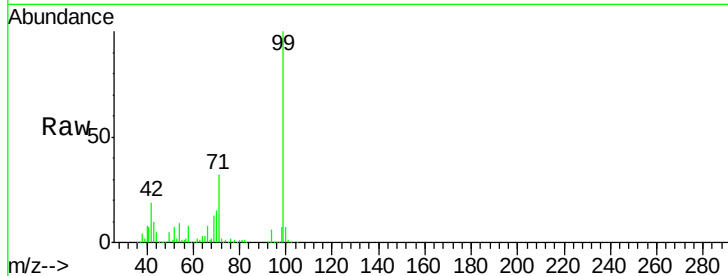
71 32.2 25.4 38.0

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#8

2-Chlorophenol

Concen: 41.075 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

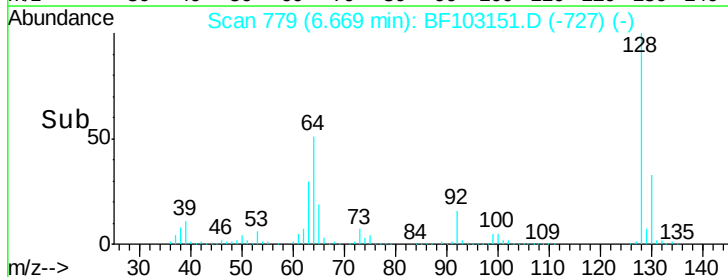
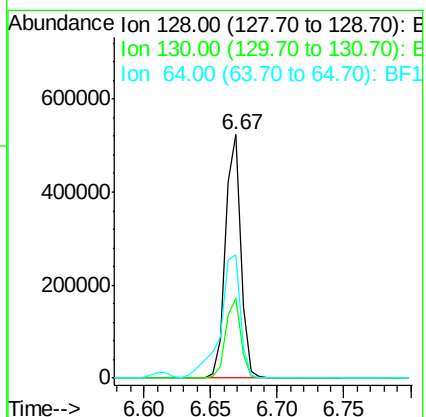
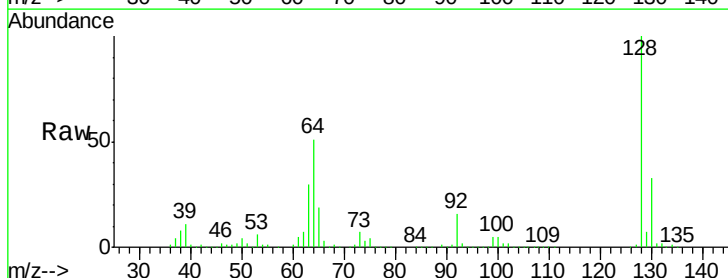
Tgt Ion: 128 Resp: 429509

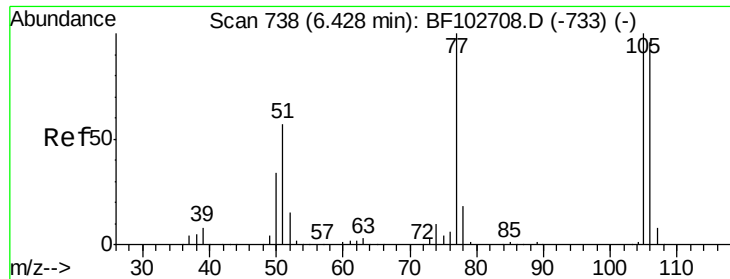
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 50.9 29.4 69.4





#9

Benzaldehyde

Concen: 31.168 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

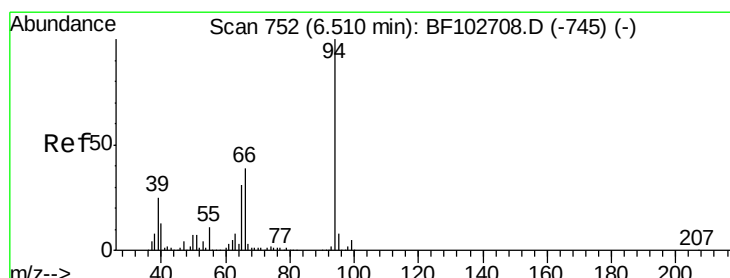
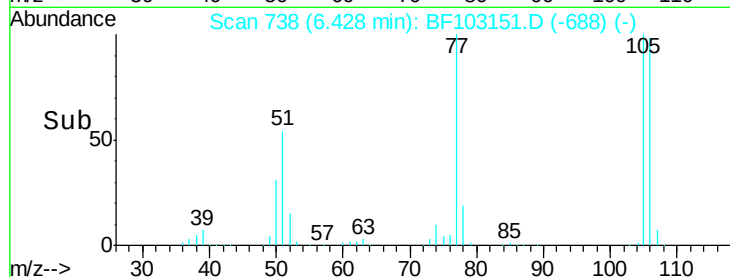
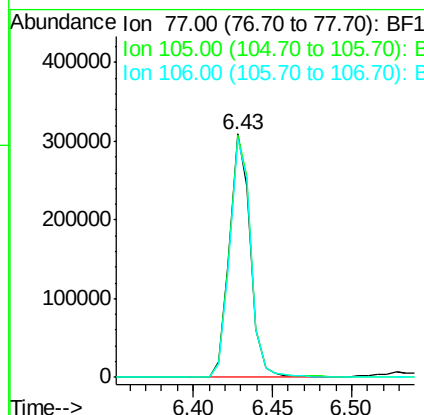
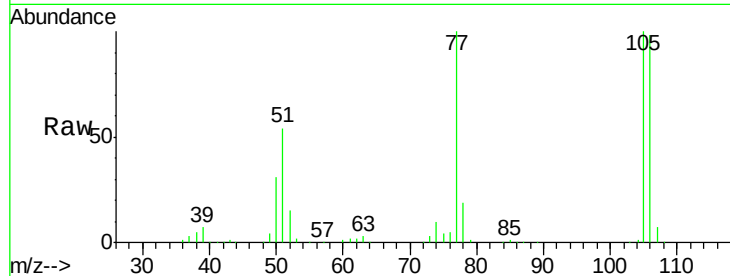
ClientSampleId :

PB106713BS

Tot Ion:	77	Resp:	283069
Ion	Ratio	Lower	Upper
77	100		
105	99.6	81.1	121.1
106	97.8	74.5	114.5

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#10

Phenol

Concen: 41.594 ng

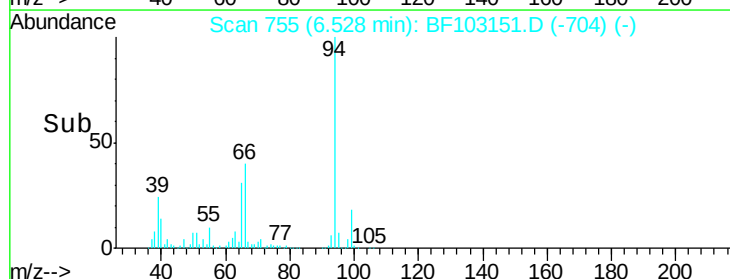
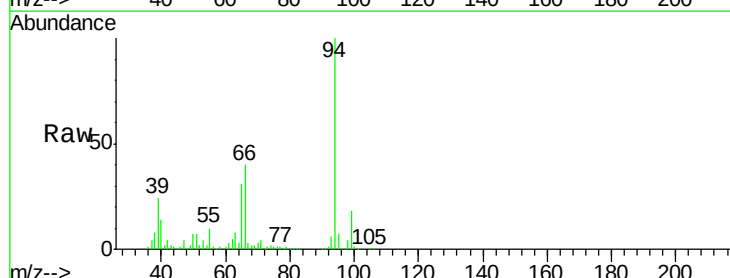
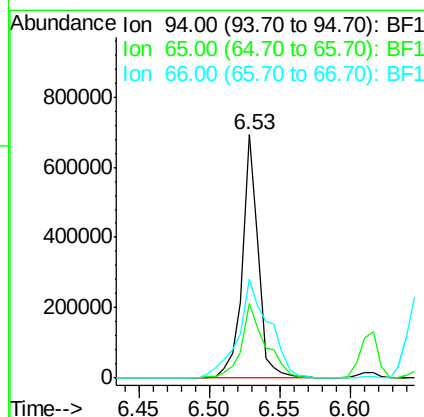
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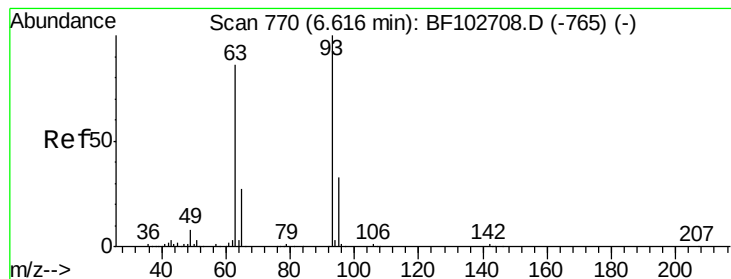
Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Tgt Ion:	94	Resp:	545150
Ion	Ratio	Lower	Upper
94	100		
65	30.9	7.9	47.9
66	40.4	16.2	56.2





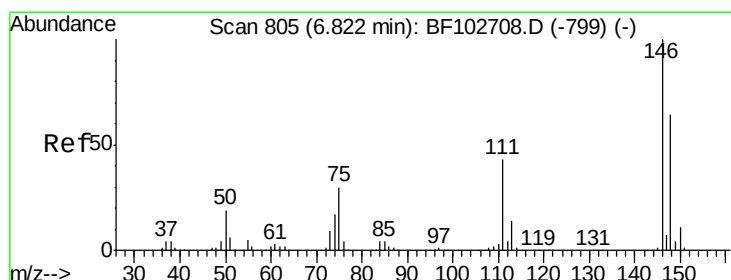
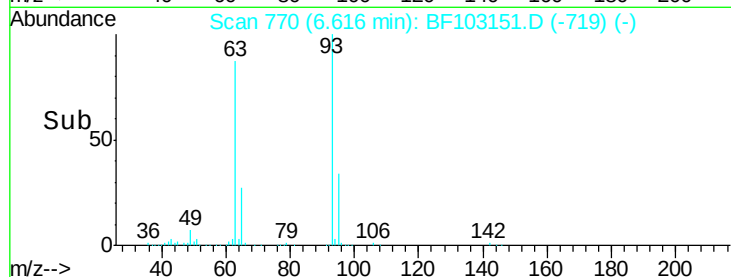
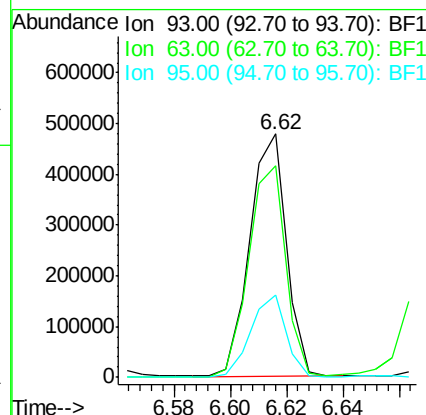
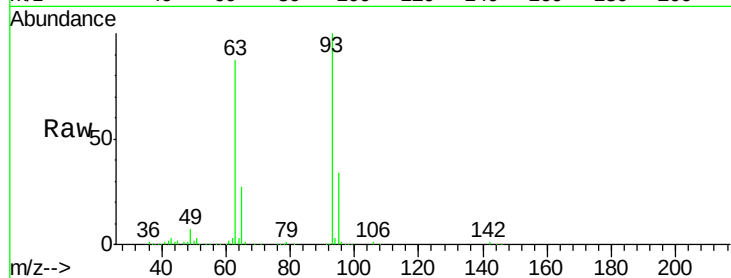
#11
bis(2-Chloroethyl)ether
Concen: 39.609 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampleId :
PB106713BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.2	58.6	98.6
95	33.8	11.8	51.8

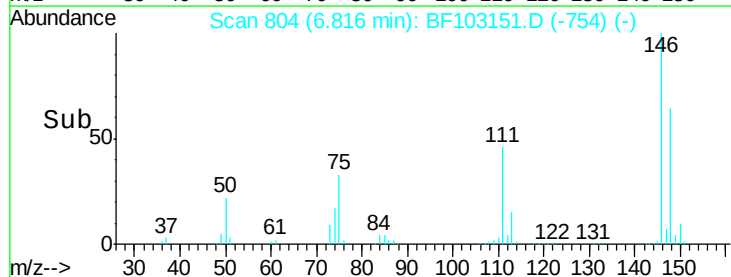
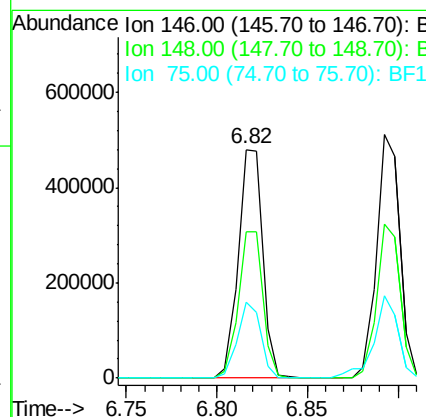
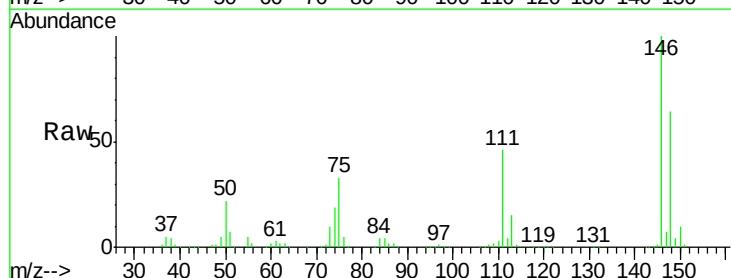
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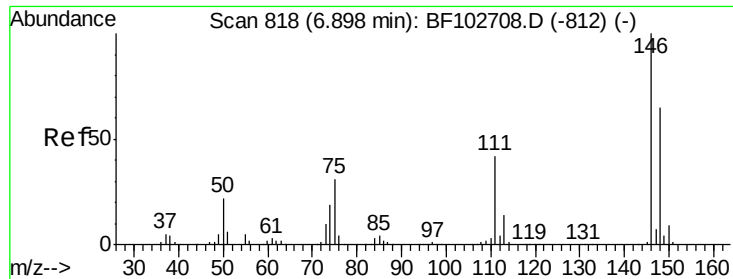
Sohil
2/22/2018 9:05:09 AM



#12
1,3-Dichlorobenzene
Concen: 37.396 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	33.1	24.2	36.4





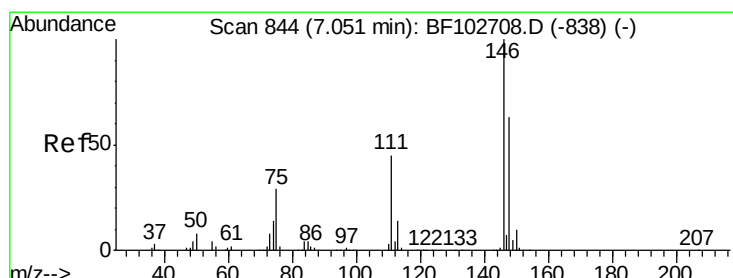
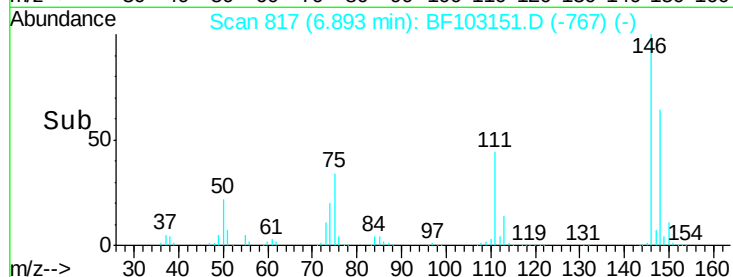
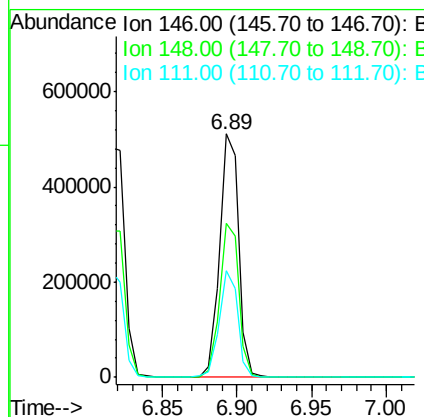
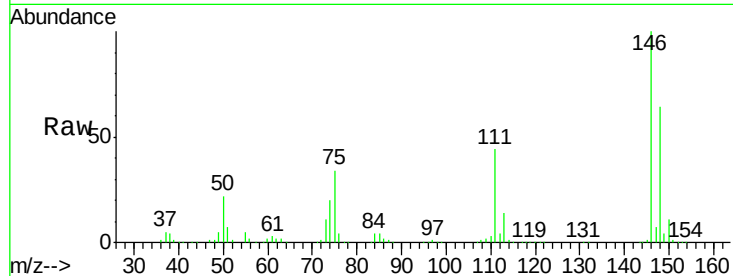
#13
1,4-Dichlorobenzene
Concen: 37.922 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampleId :
PB106713BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	43.7	34.2	51.2

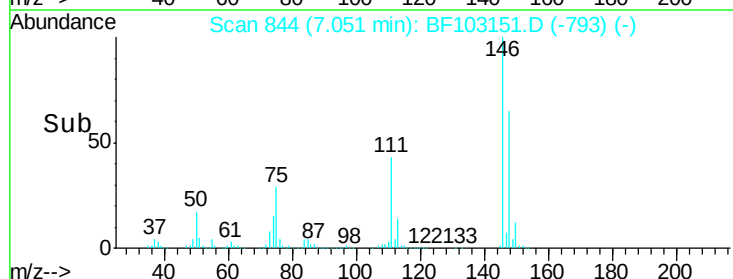
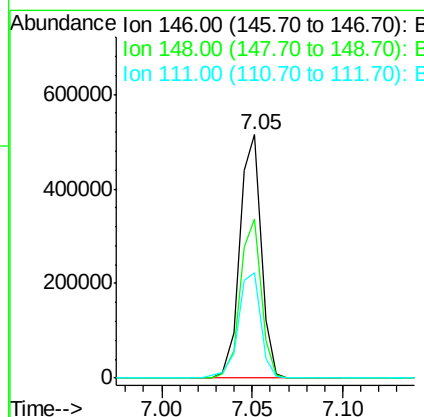
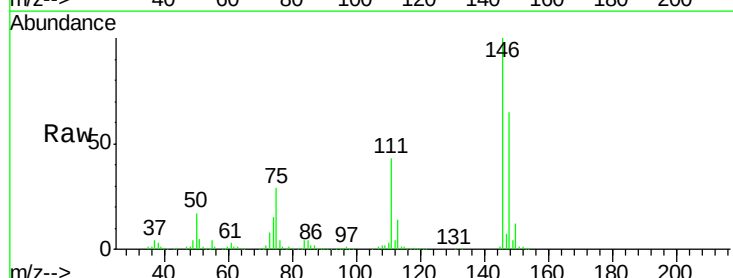
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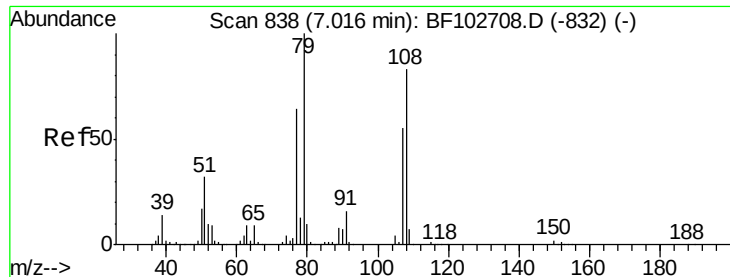
Sohil
2/22/2018 9:05:09 AM



#14
1,2-Dichlorobenzene
Concen: 37.585 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.6	75.8
111	43.2	36.0	54.0





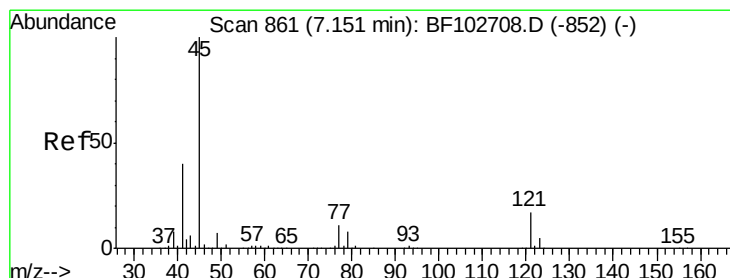
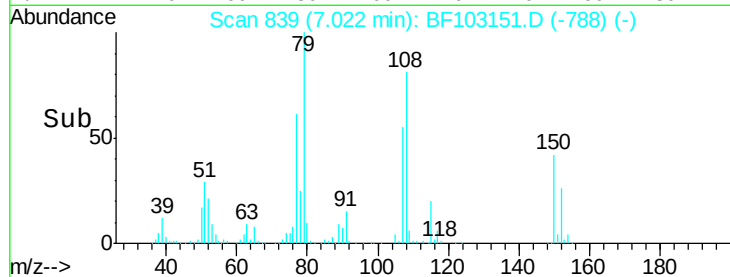
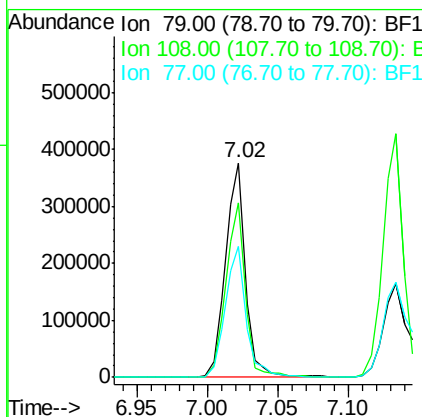
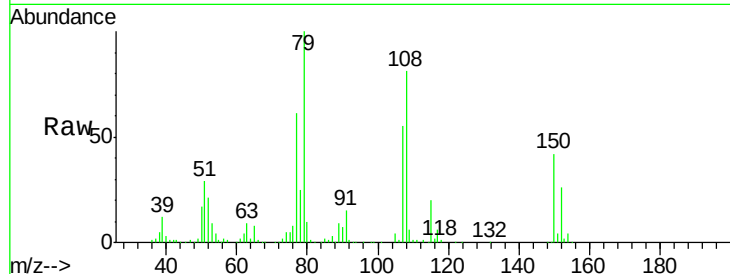
#15
Benzyl Alcohol
Concen: 39.477 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampled :
PB106713BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.3	65.1	97.7
77	60.8	50.6	75.8

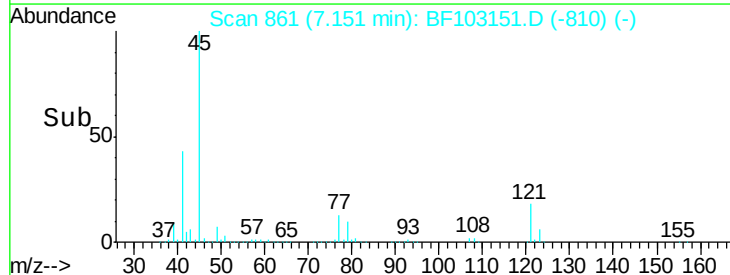
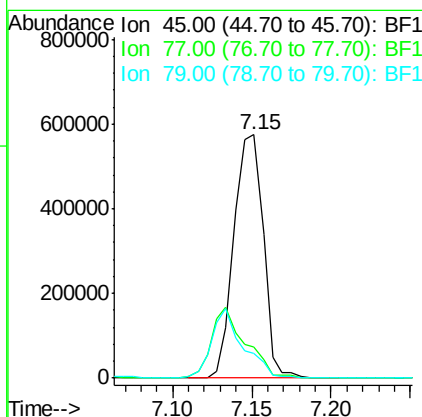
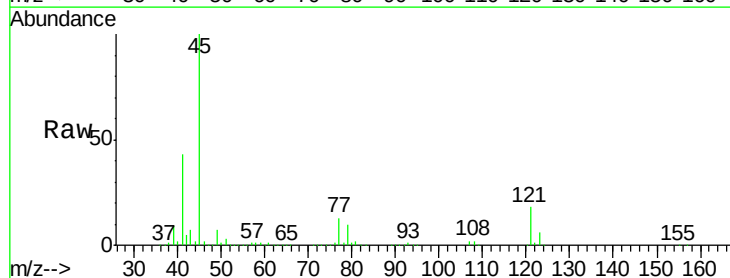
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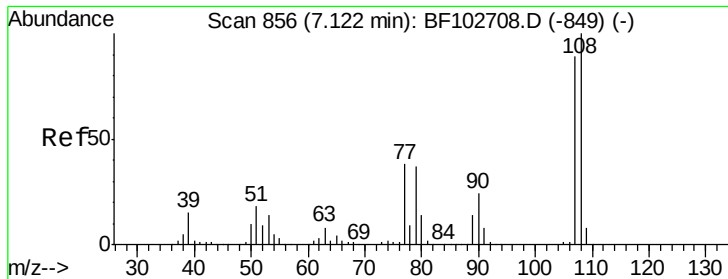
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.624 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	32.9
79	10.1	0.0	29.6





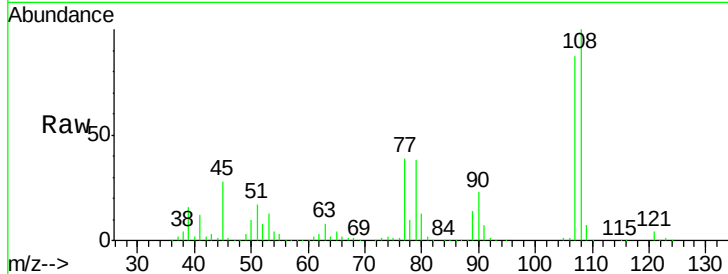
#17
2-Methylphenol
Concen: 38.976 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampleId :
PB106713BS

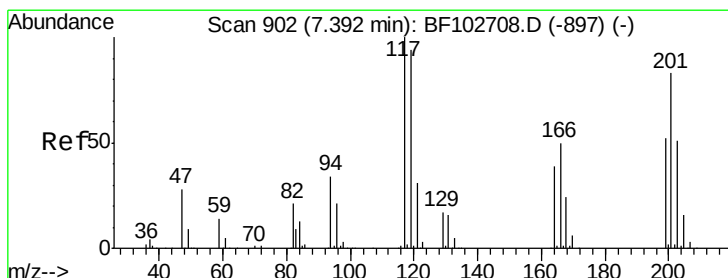
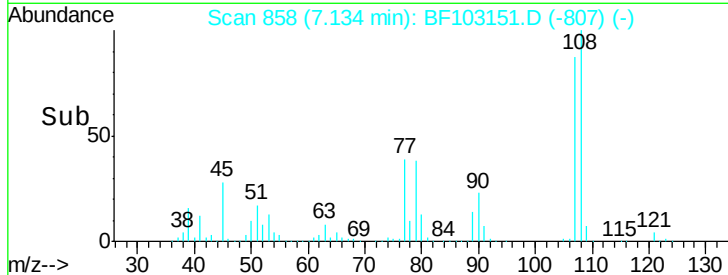
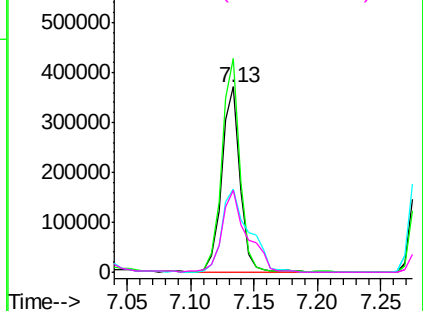
Tot Ion	107	Resp	375940
Ion Ratio	Lower	Upper	
107	100		
108	115.1	91.7	137.5
77	45.0	33.8	50.8
79	44.1	33.8	50.8

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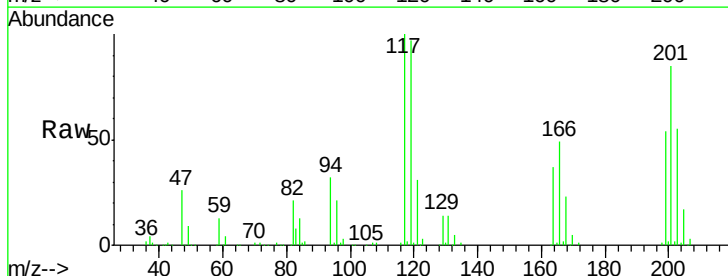


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

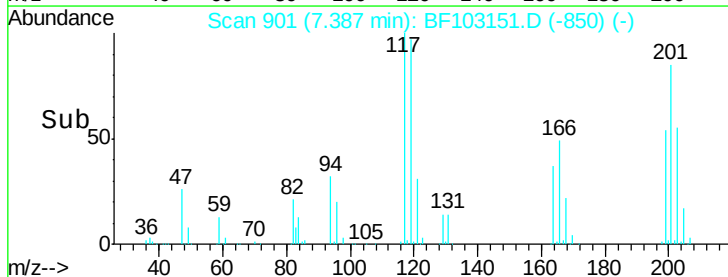
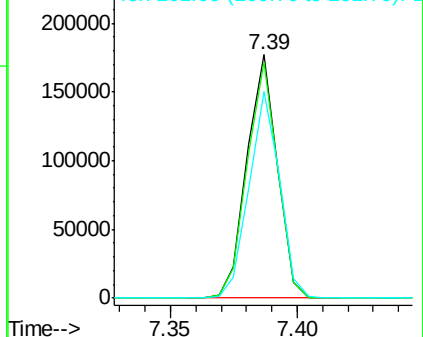


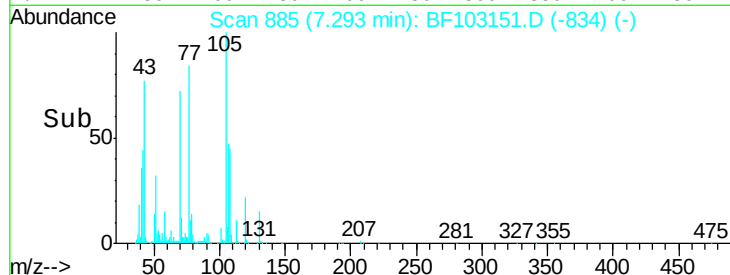
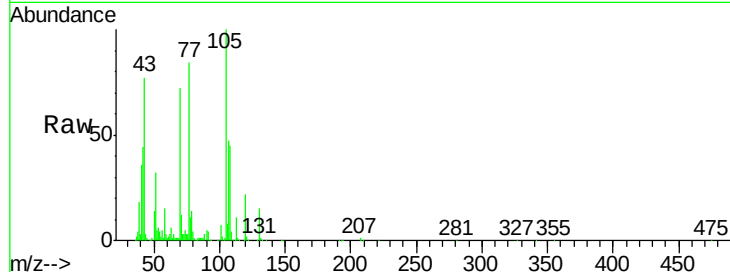
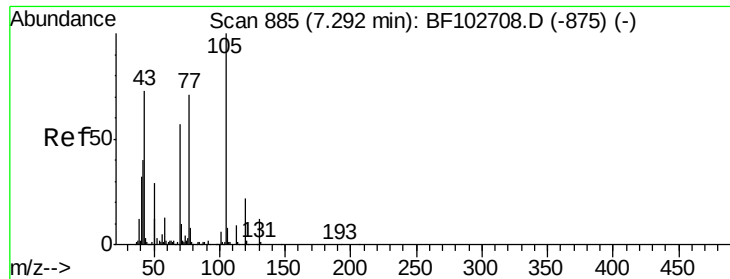
#18
Hexachloroethane
Concen: 35.673 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	117	Resp	147555
Ion Ratio	Lower	Upper	
117	100		
119	96.8	75.8	113.8
201	84.8	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





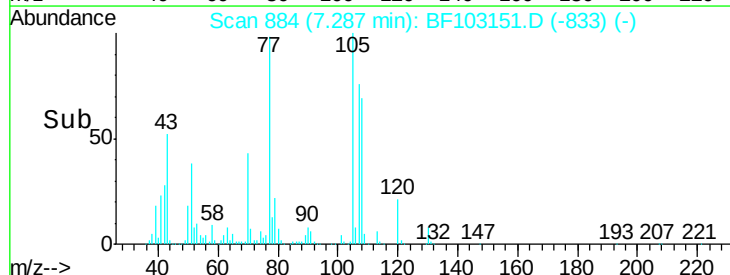
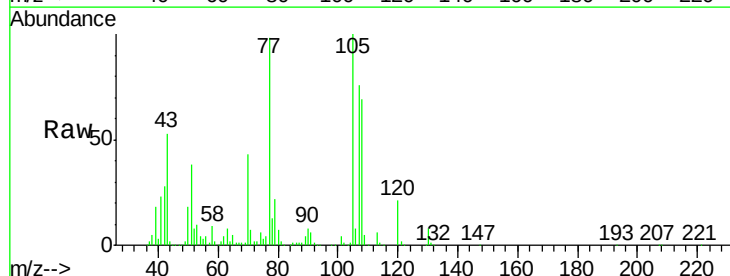
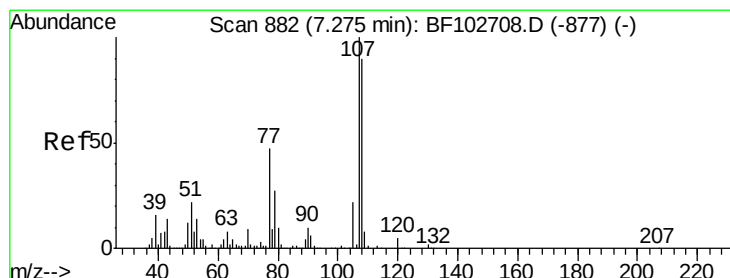
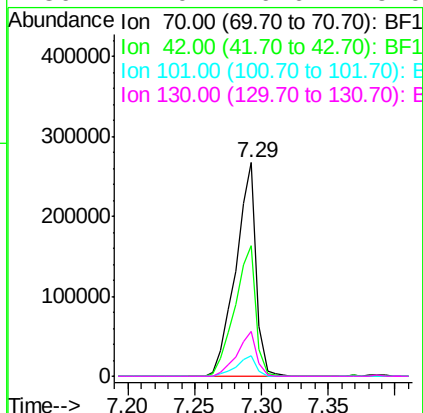
#19
n-Nitroso-di-n-propylamine
Concen: 35.492 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampleId :
PB106713BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		286185		
42	61.2		47.5	71.3	
101	9.8		7.4	11.2	
130	21.0		16.6	25.0	

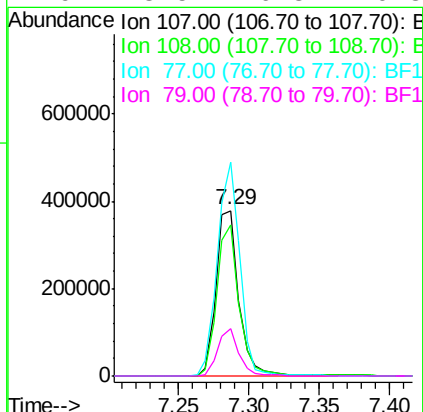
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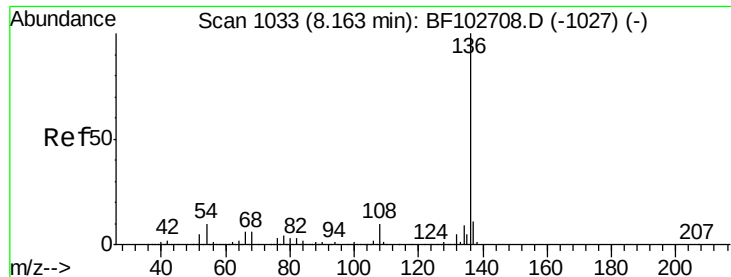
Sohil
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#20
3+4-Methylphenols
Concen: 35.662 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		424184		
108	91.2		68.2	108.2	
77	129.1		26.7	66.7#	
79	28.5		6.3	46.3	





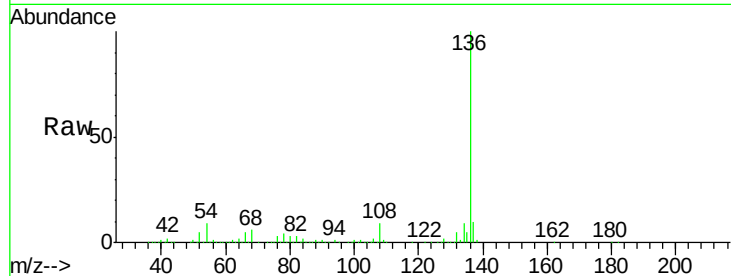
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampled :
PB106713BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	642753		
137	10.5		8.9	13.3
54	9.2		6.6	9.8
68	6.5		5.0	7.4

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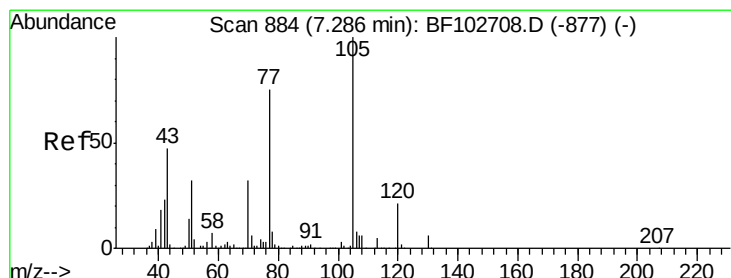
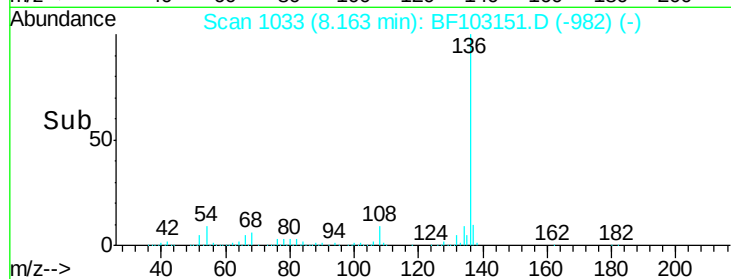
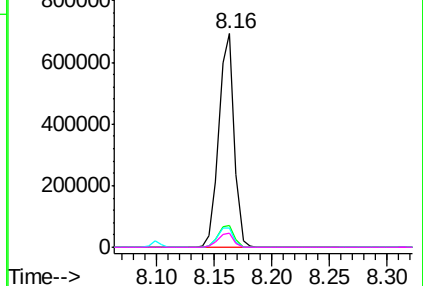
Abundance

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: 35.332 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	555731		
71	7.5		4.4	6.6#
51	38.1		22.3	33.5#
120	21.4		16.9	25.3

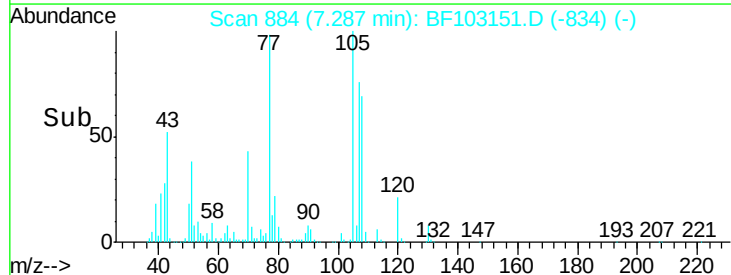
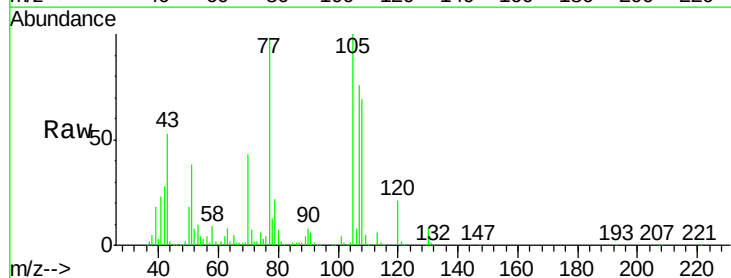
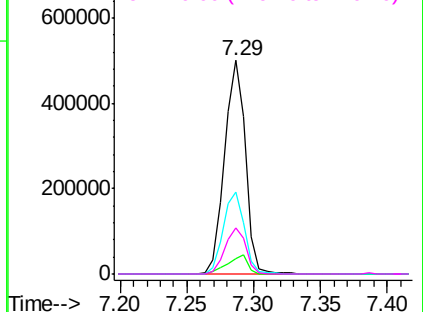
Abundance

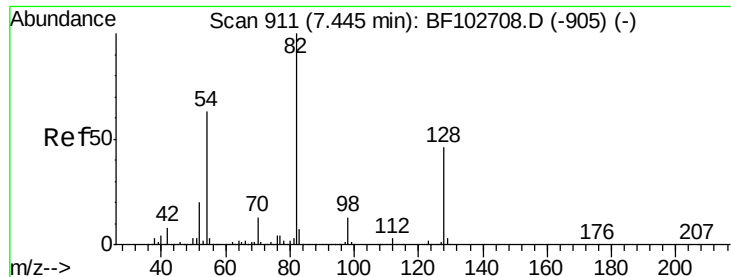
Ion 105.00 (104.70 to 105.70): E

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





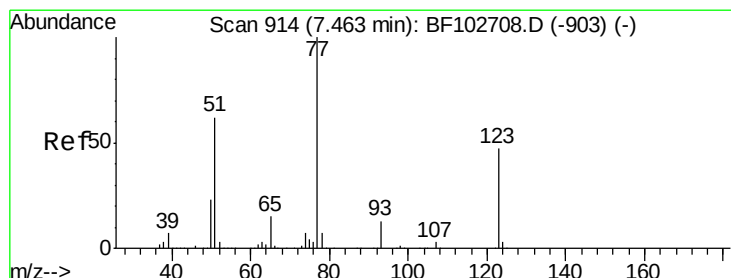
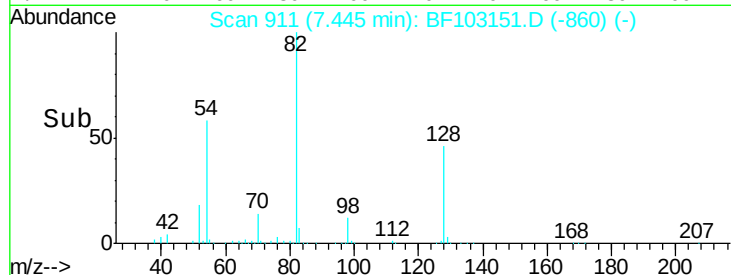
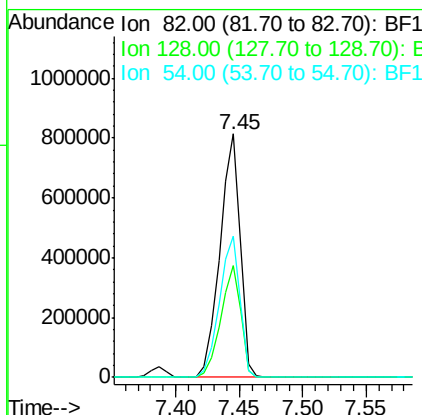
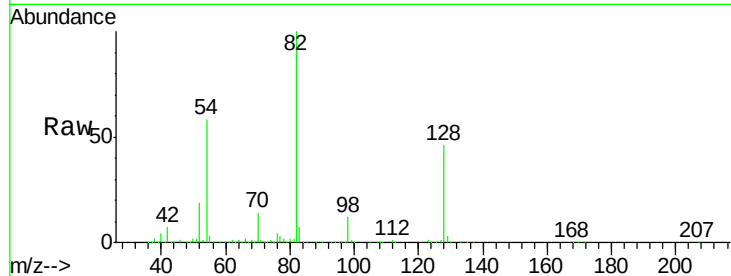
#23
 Nitrobenzene-d5
 Concen: 97.812 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Instrument :
 BNA_F
 ClientSampled :
 PB106713BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	57.8	41.4	62.2

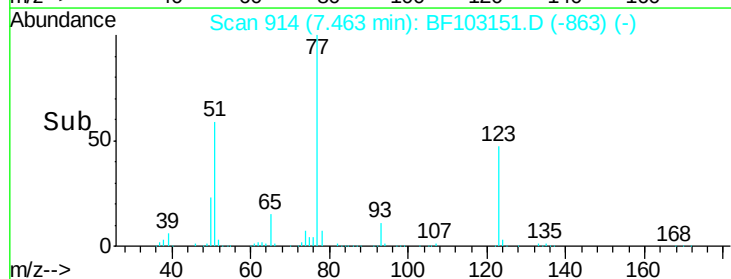
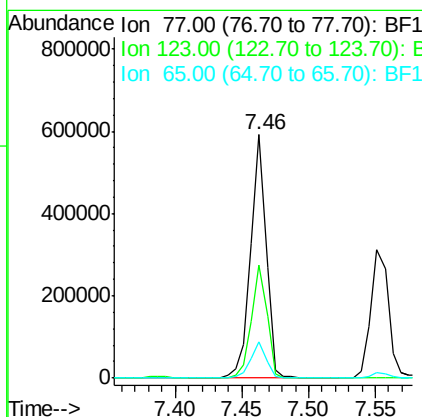
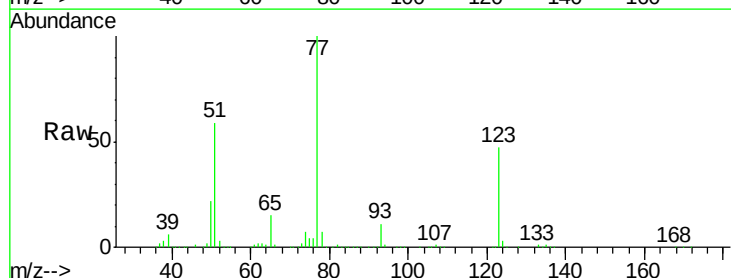
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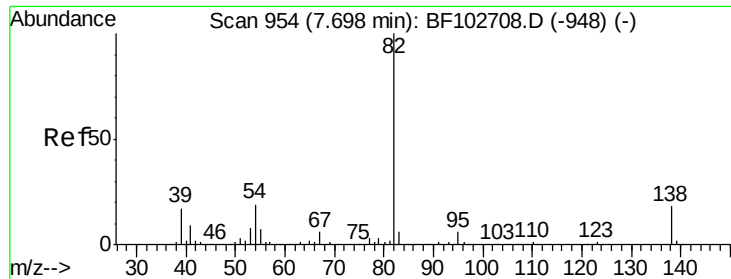
Sohil
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#24
 Nitrobenzene
 Concen: 42.954 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	37.9	56.9
65	14.8	11.0	16.4





#25

Isophorone

Concen: 40.617 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

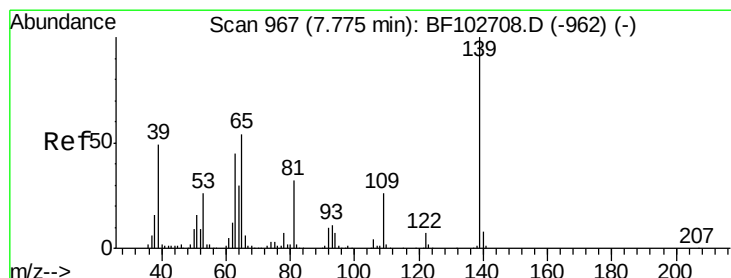
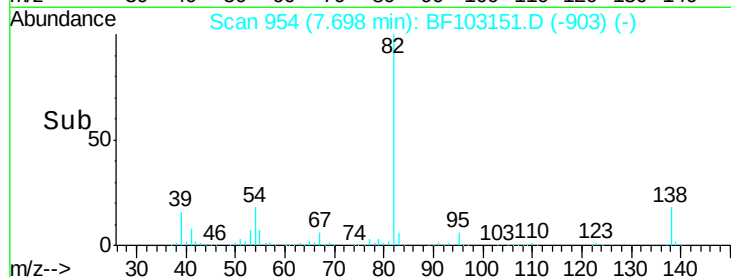
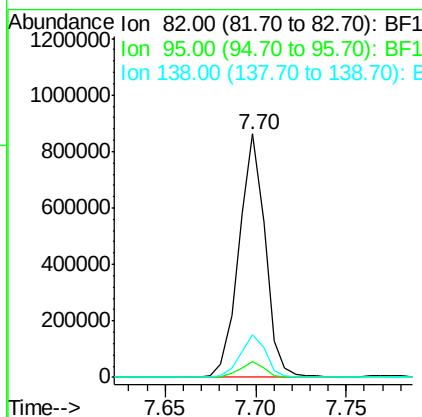
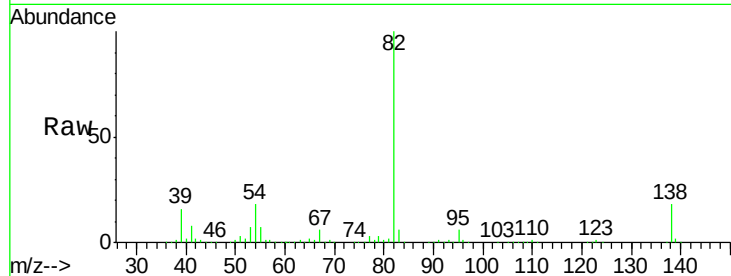
ClientSampleId :

PB106713BS

Tot Ion:	82	Resp:	866570
Ion Ratio	Lower	Upper	
82	100		
95	6.2	5.2	7.8
138	17.6	14.9	22.3

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#26

2-Nitrophenol

Concen: 50.330 ng

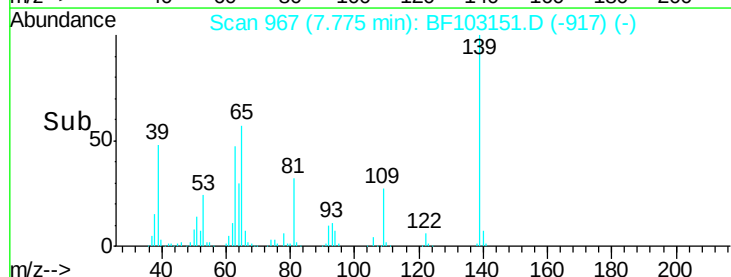
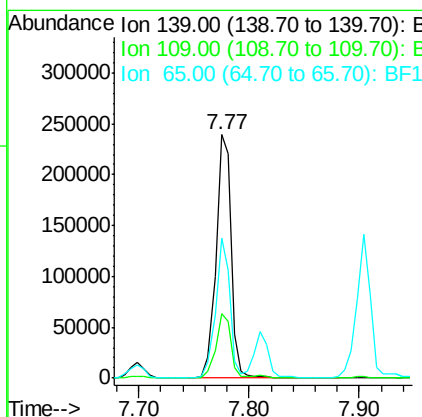
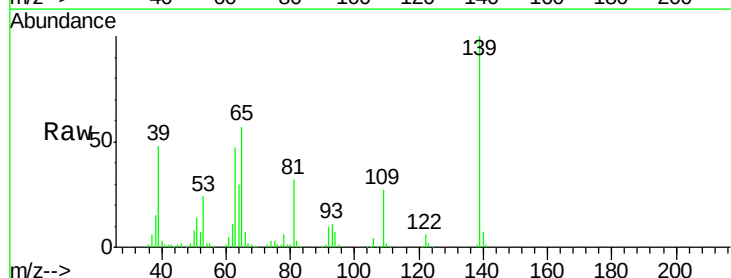
RT: 7.77 min Scan# 967

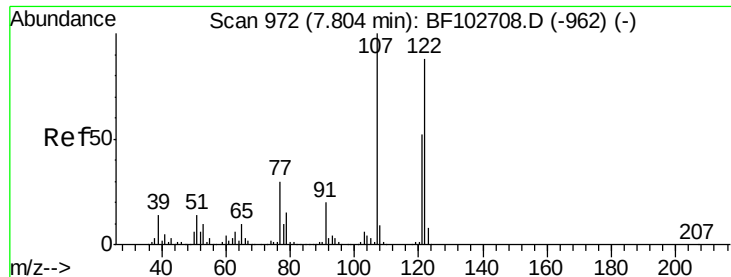
Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Tgt Ion:	139	Resp:	227653
Ion Ratio	Lower	Upper	
139	100		
109	26.6	22.7	34.1
65	57.3	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 43.852 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

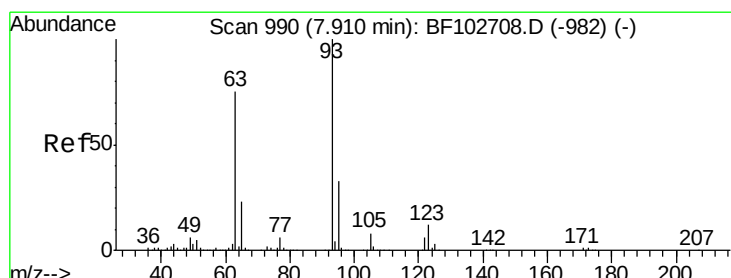
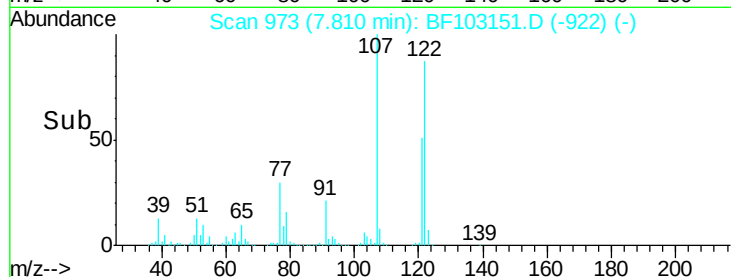
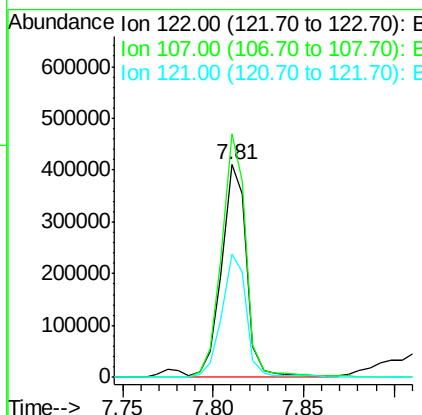
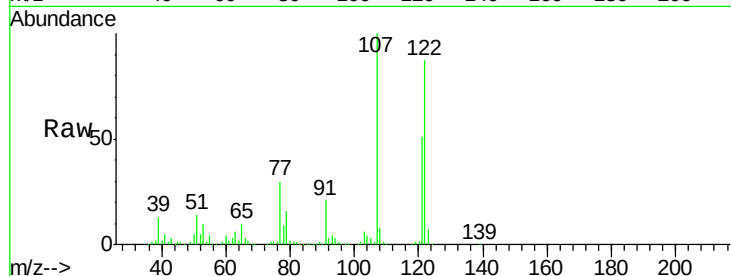
ClientSampleId :

PB106713BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	395270		
107	114.6	91.2	136.8	
121	58.1	47.2	70.8	

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2/22/2018 9:05:09 AM



#28

bis(2-Chloroethoxy)methane

Concen: 42.640 ng

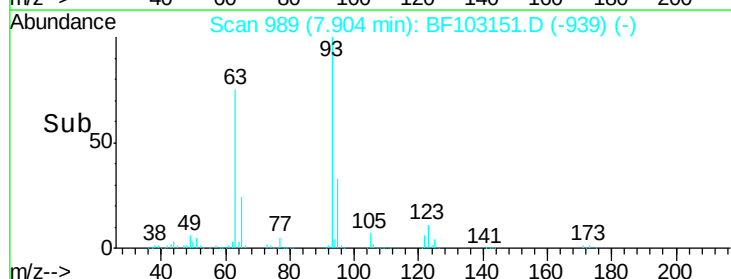
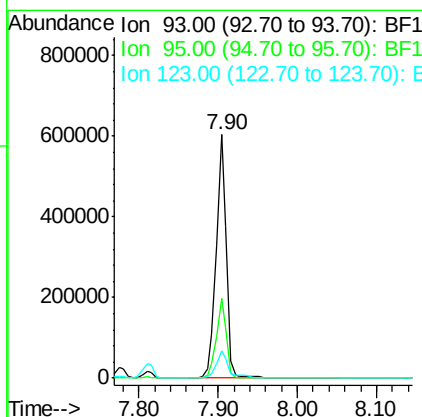
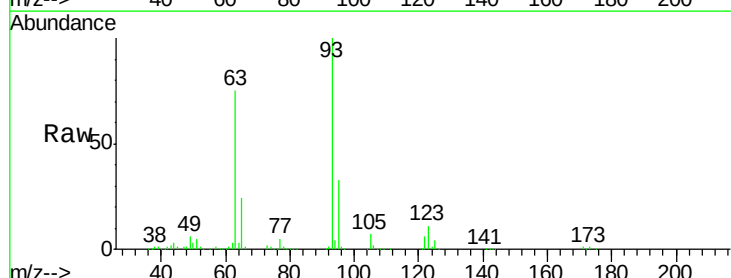
RT: 7.90 min Scan# 989

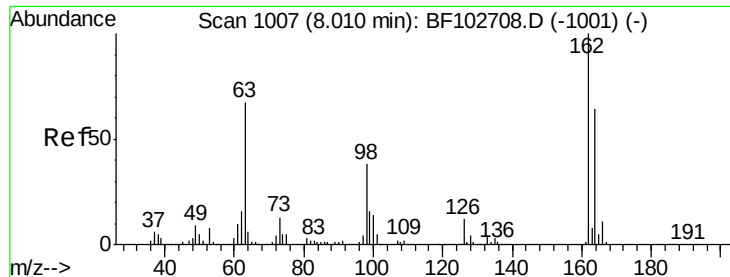
Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	538917		
95	32.7	26.3	39.5	
123	11.4	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 43.459 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

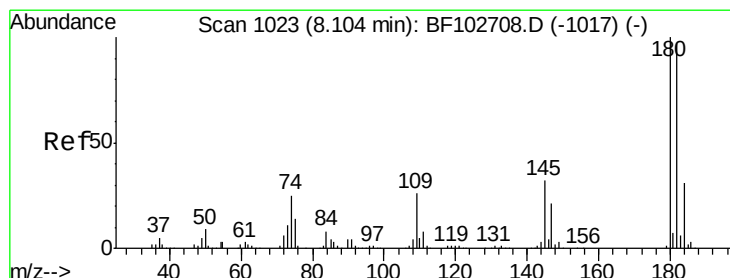
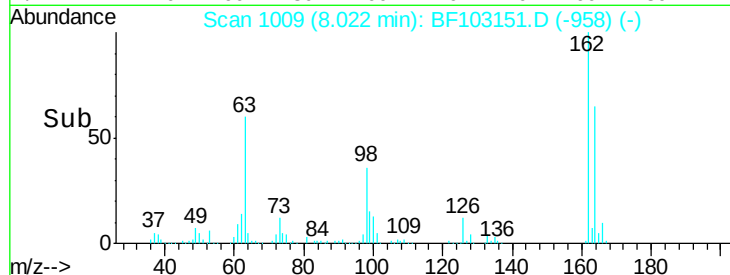
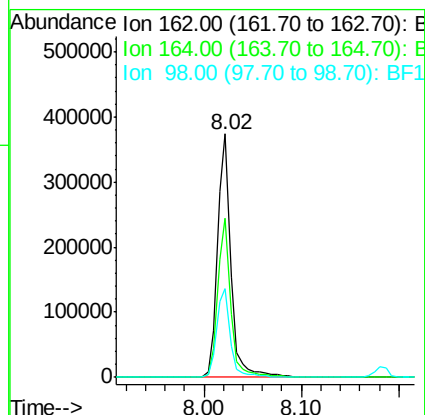
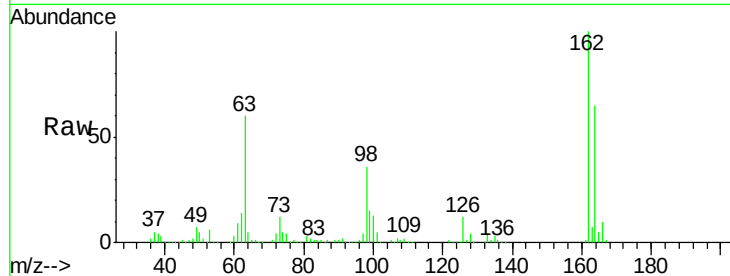
ClientSampleId :

PB106713BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	356102		
164	65.4	42.7	82.7	
98	36.5	18.1	58.1	

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 37.329 ng

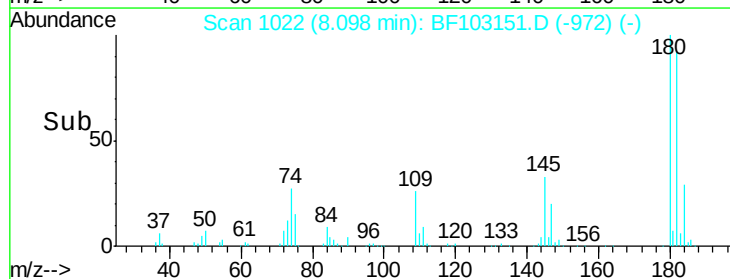
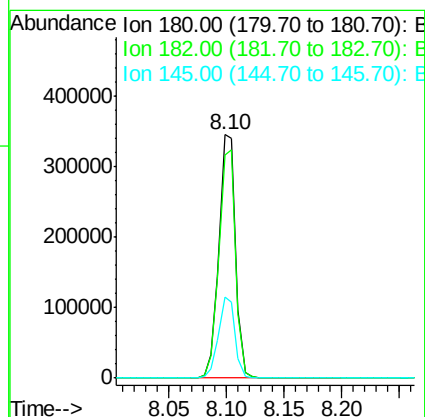
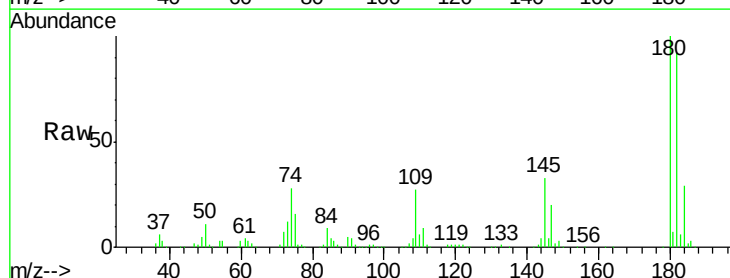
RT: 8.10 min Scan# 1022

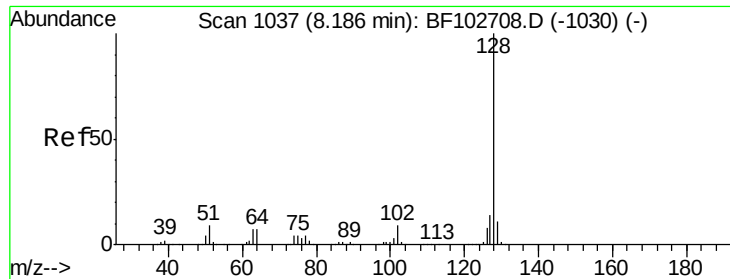
Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	346034		
182	91.6	76.8	115.2	
145	33.4	26.5	39.7	





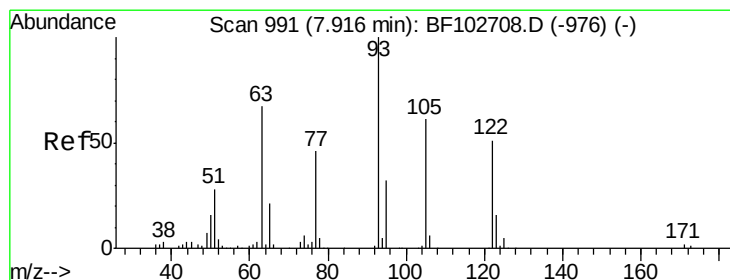
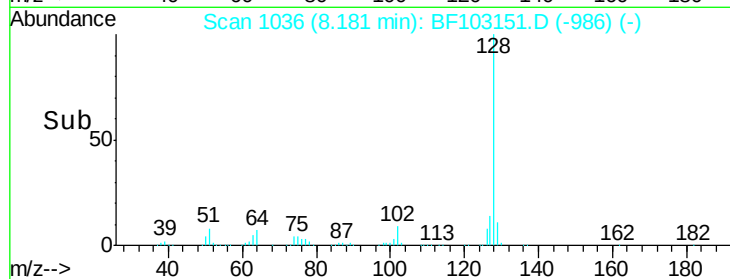
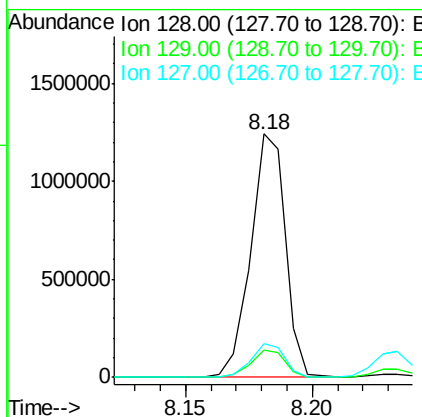
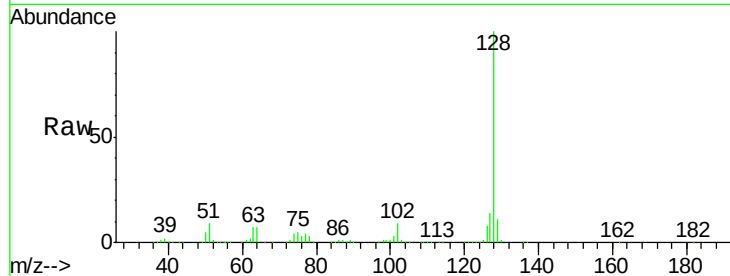
#31
Naphthalene
Concen: 37.783 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampleId :
PB106713BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.7	10.9	16.3

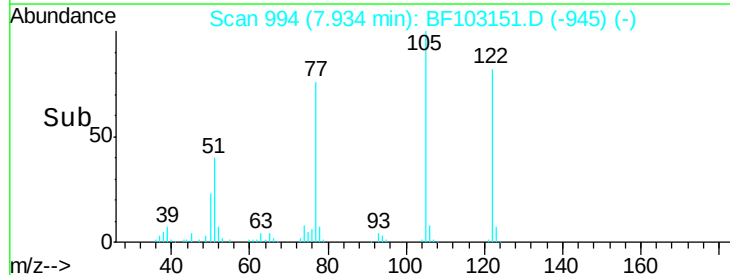
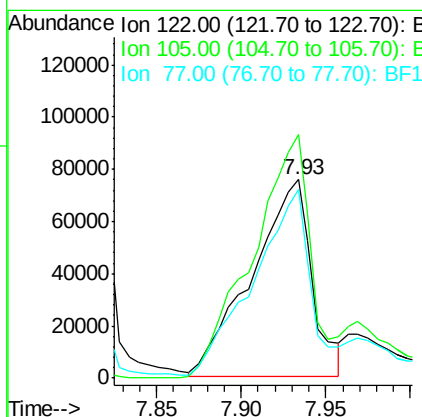
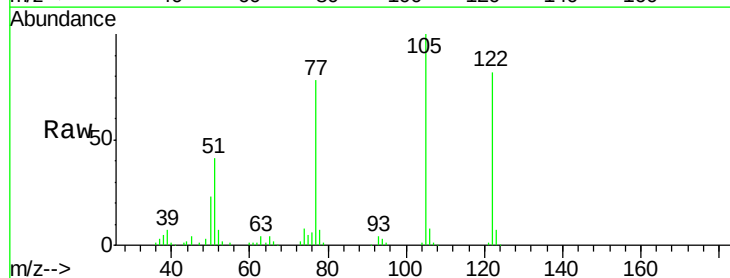
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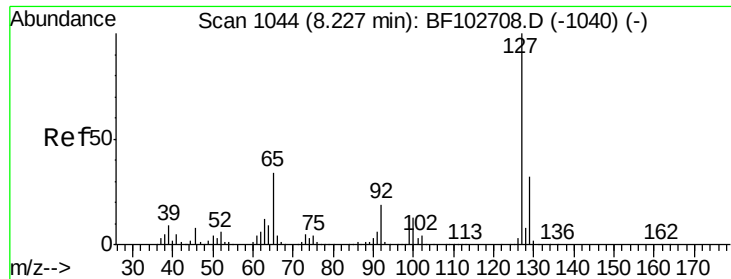
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#32
Benzoic acid
Concen: 33.926 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.6	101.1	141.1
77	95.1	70.7	110.7





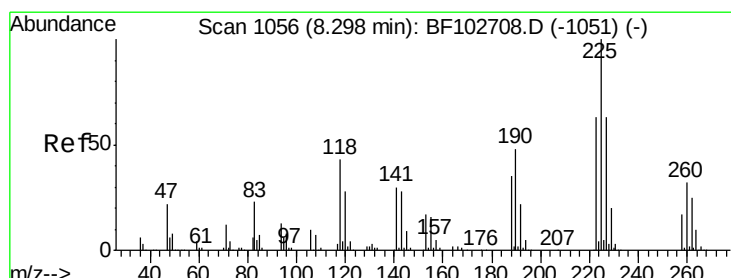
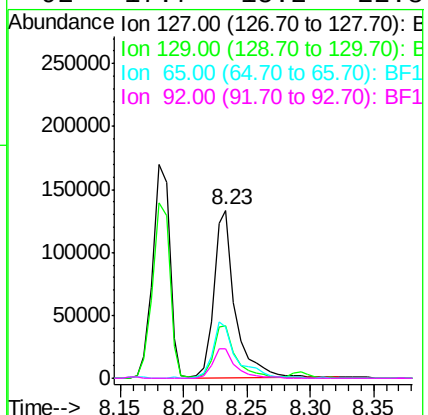
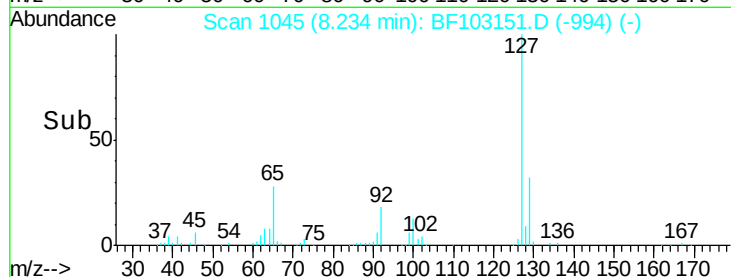
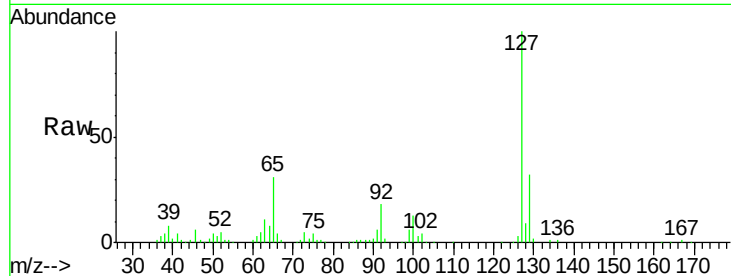
#33
4-Chloroaniline
Concen: 11.601 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampleId :
PB106713BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	25.9	38.9		
65	30.8	25.0	37.4		
92	17.7	15.2	22.8		

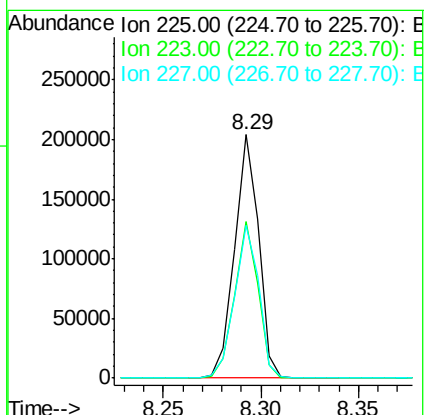
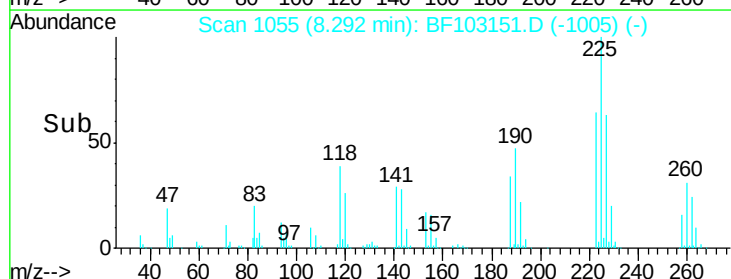
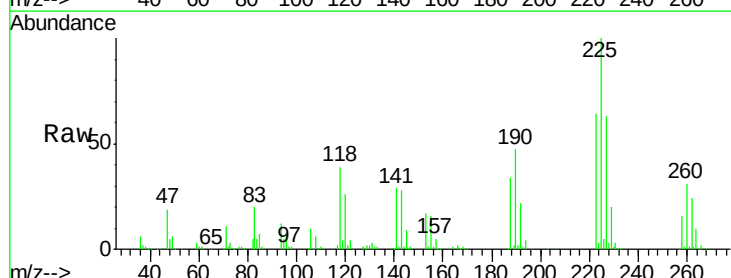
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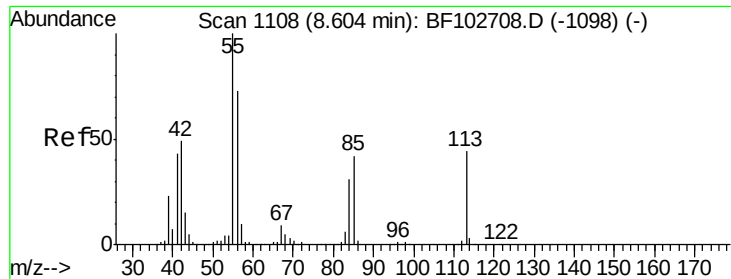
Sohil
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#34
Hexachlorobutadiene
Concen: 36.805 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3	50.6	76.0		
227	62.7	51.9	77.9		





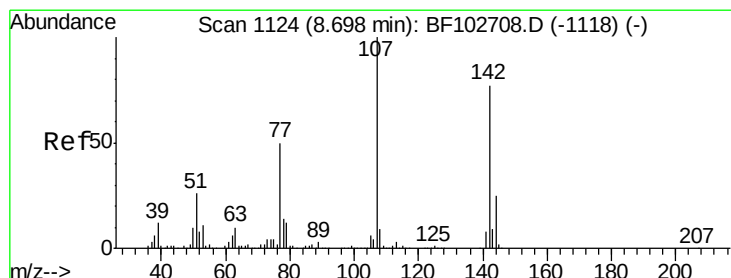
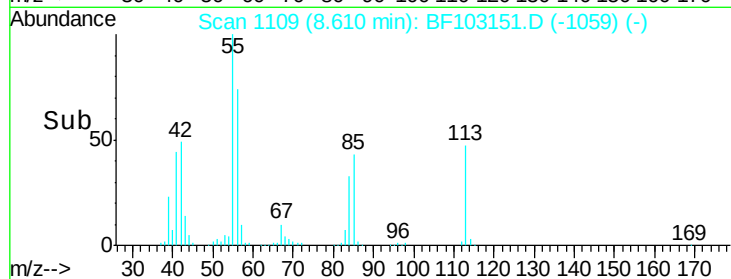
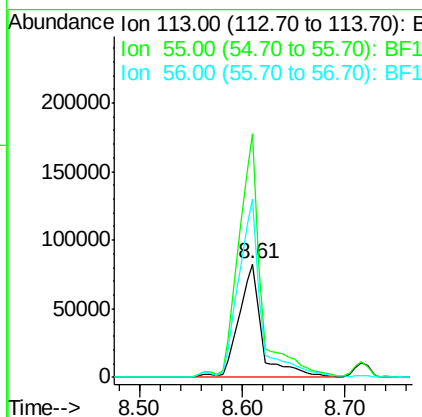
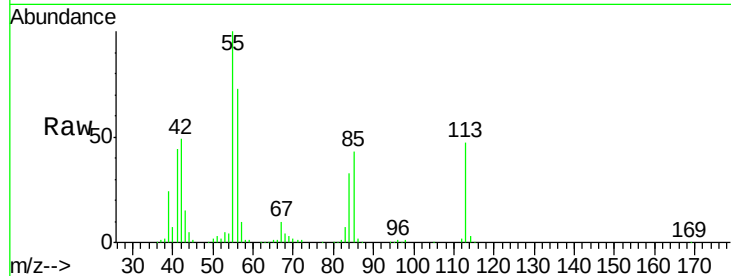
#35
 Caprolactam
 Concen: 45.570 ng/ml
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Instrument :
 BNA_F
 ClientSampled :
 PB106713BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	214.2	163.3	203.3#
56	157.2	115.7	155.7#

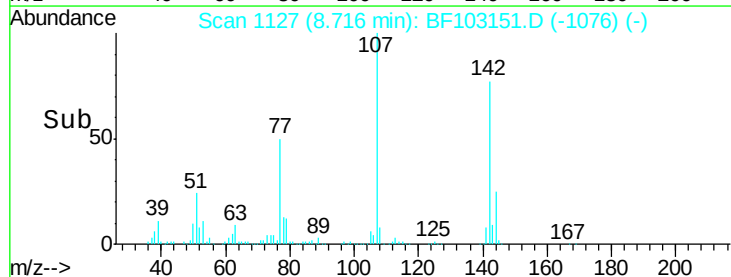
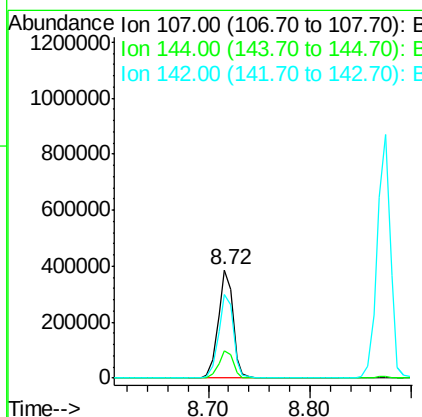
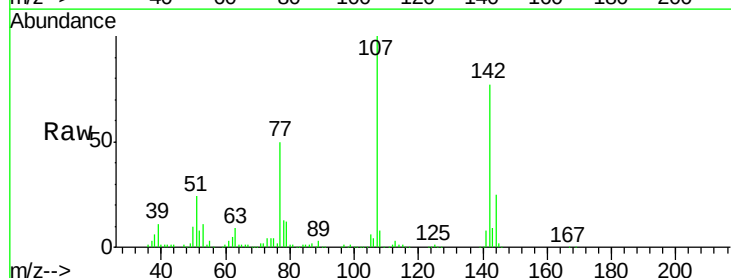
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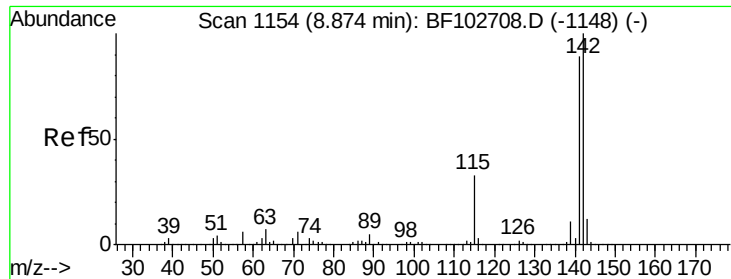
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#36
 4-Chloro-3-methylphenol
 Concen: 42.845 ng/ml
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.5	30.7
142	76.7	62.0	93.0





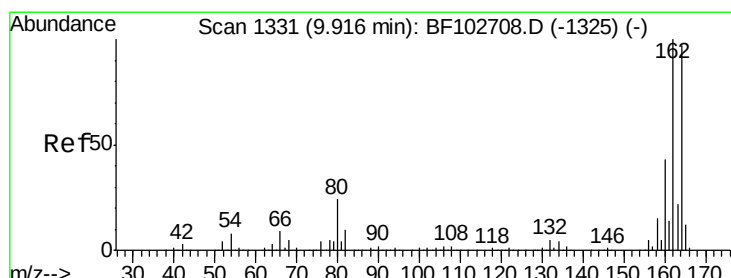
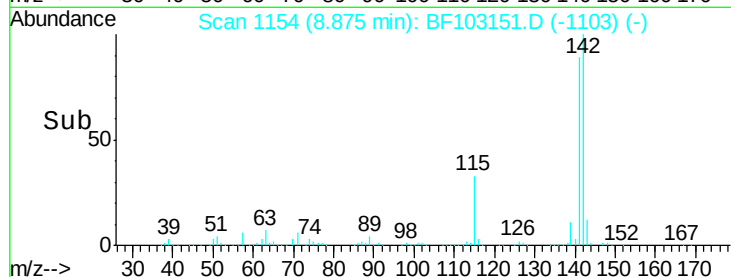
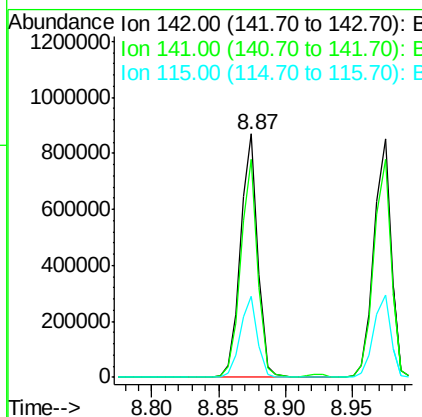
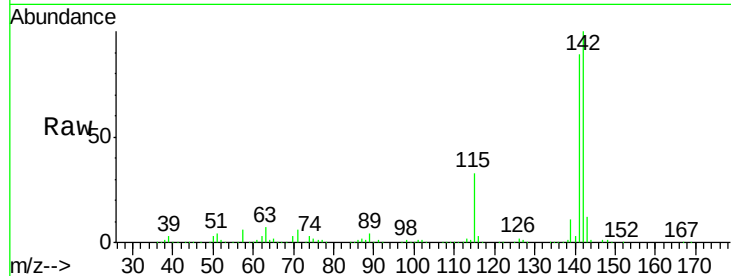
#37
2-Methylnaphthalene
Concen: 38.207 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampleId :
PB106713BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	785550		
141	89.4		70.8	106.2
115	33.2		26.1	39.1

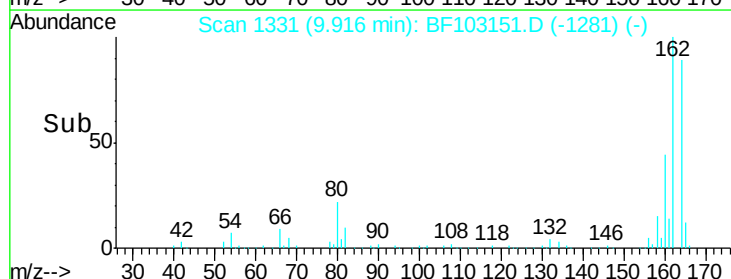
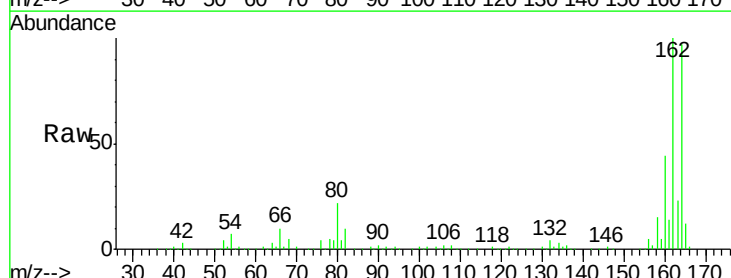
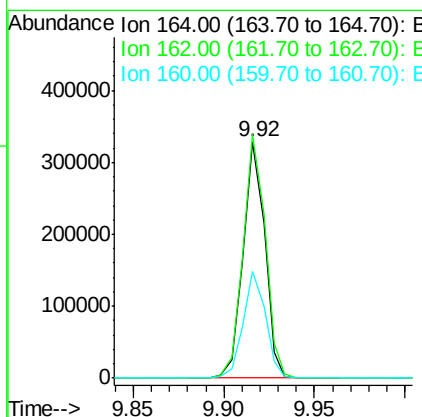
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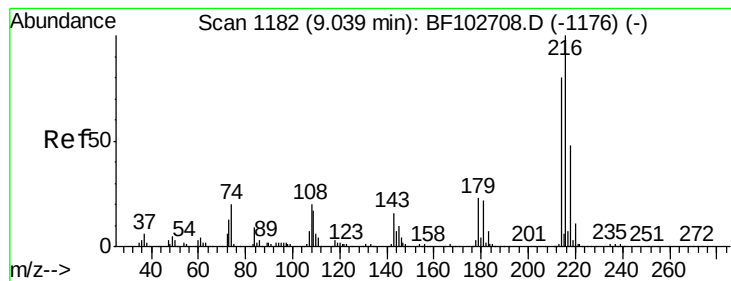
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	273324		
162	103.0		86.1	129.1
160	45.3		38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.902 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

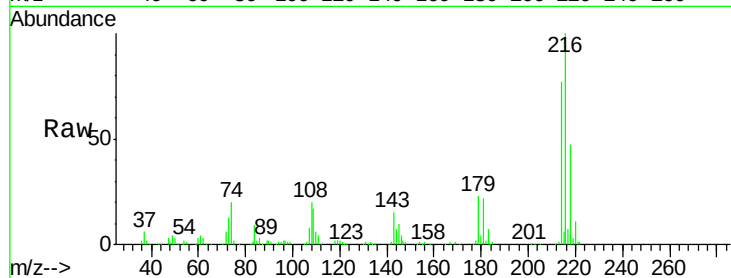
ClientSampled :

PB106713BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	296953		
214	78.1	63.0	94.4	
179	23.2	18.1	27.1	
108	21.7	17.2	25.8	

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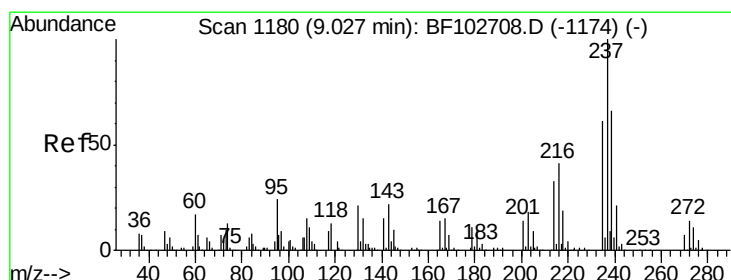
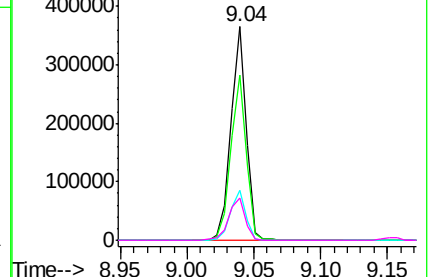
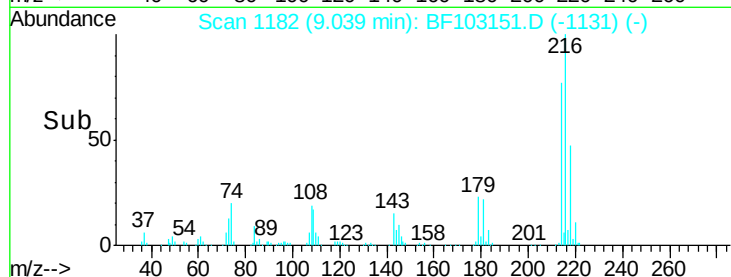


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 12.745 ng

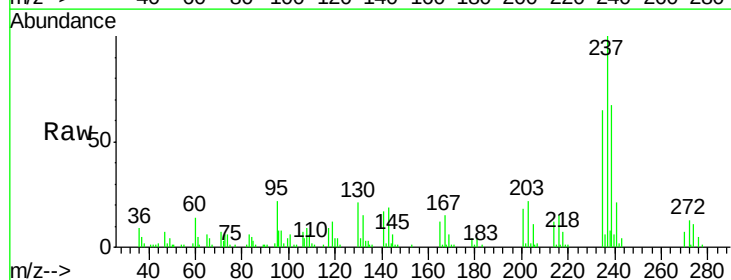
RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

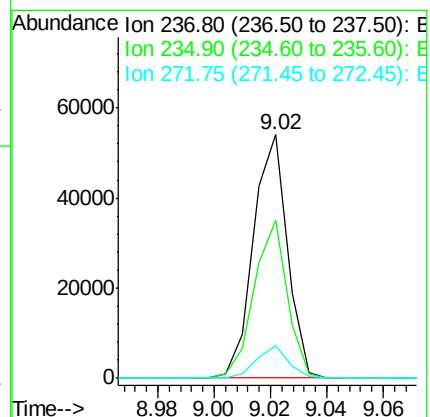
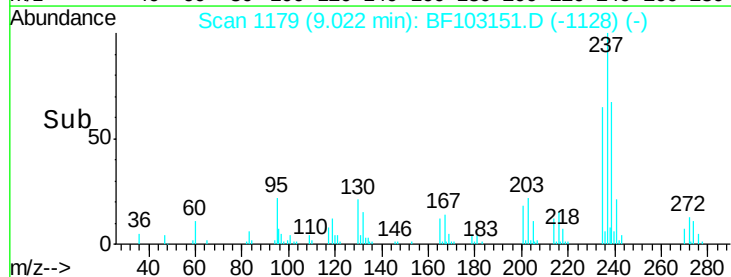
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	45089		
235	64.8	44.8	84.8	
272	13.1	0.0	33.3	

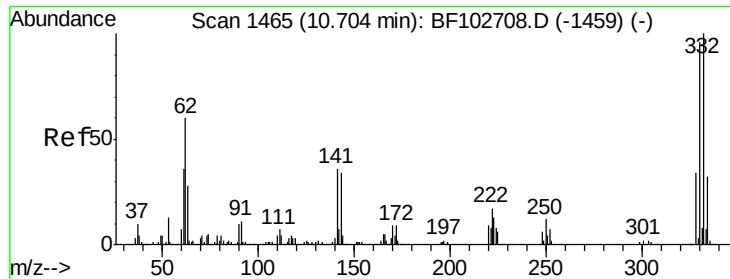


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





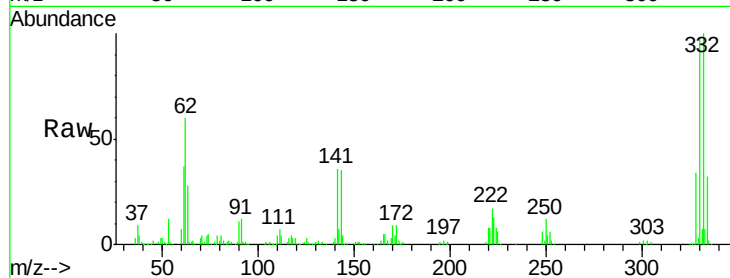
#41
 2,4,6-Tribromophenol
 Concen: 113.921 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB106713BS

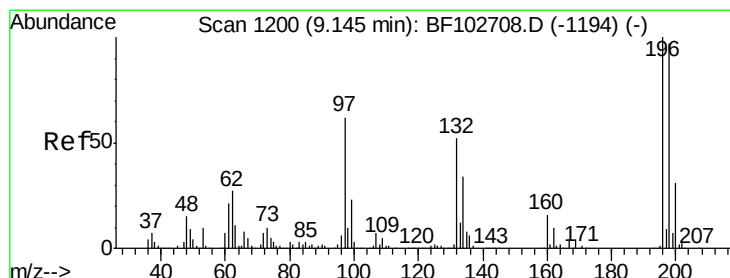
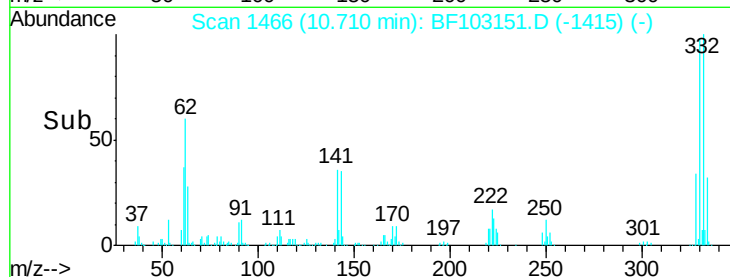
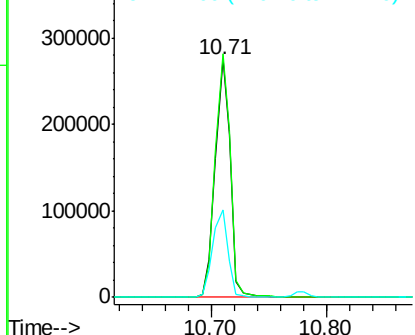
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	101.9	77.0	115.6	
141	37.8	29.9	44.9	

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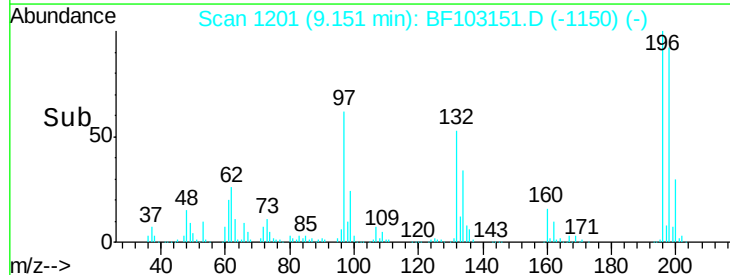
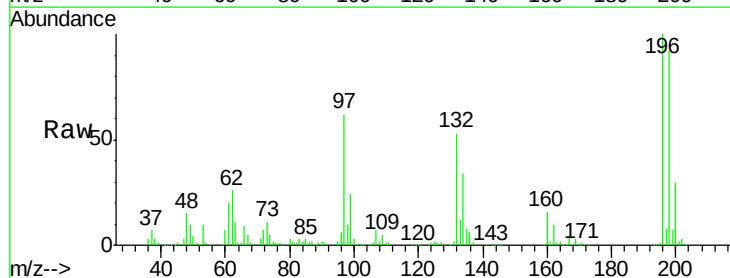
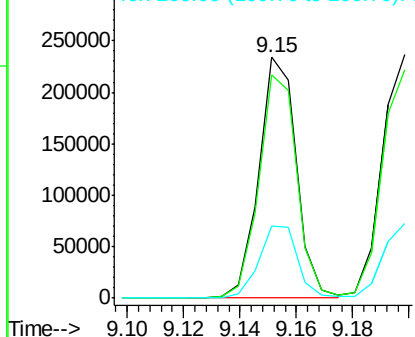
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

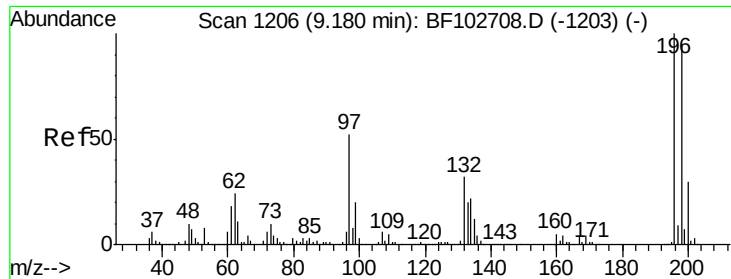


#42
 2,4,6-Trichlorophenol
 Concen: 44.103 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.5	75.7	113.5	
200	29.8	24.5	36.7	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





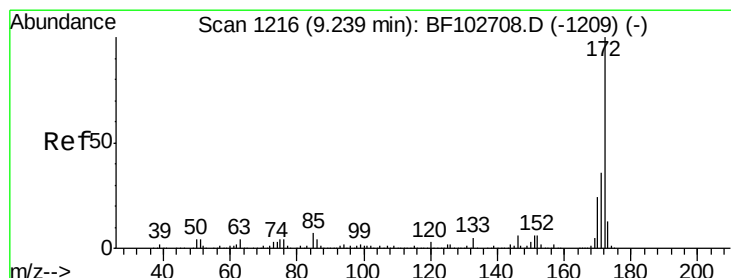
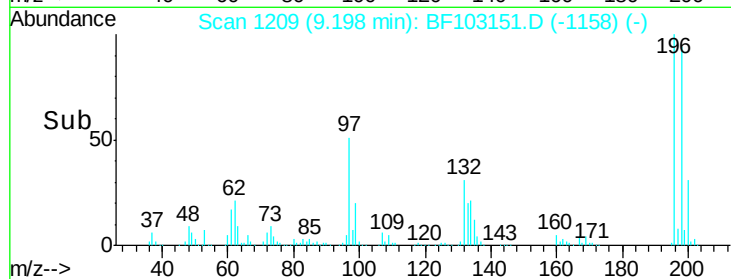
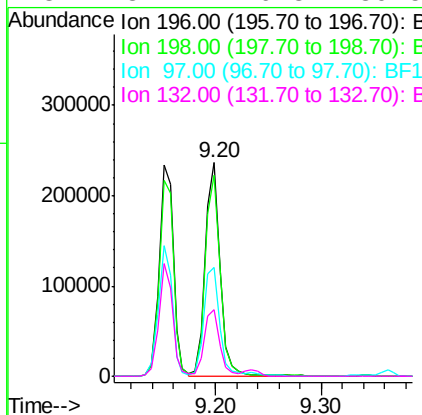
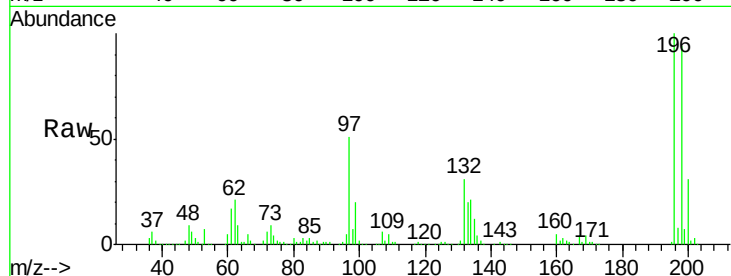
#43
 2,4,5-Trichlorophenol
 Concen: 41.892 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB106713BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		230803		
198	93.9	74.6	112.0		
97	50.9	42.9	64.3		
132	31.1	26.3	39.5		

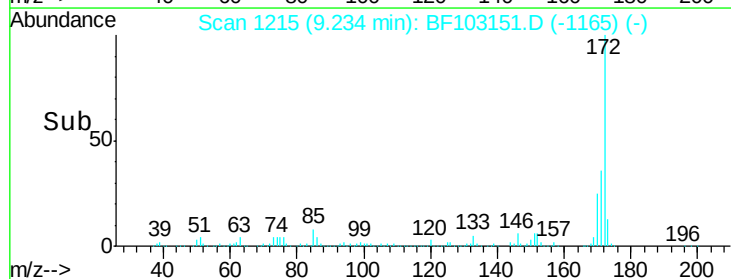
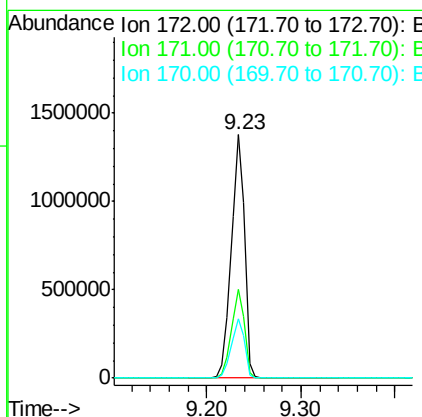
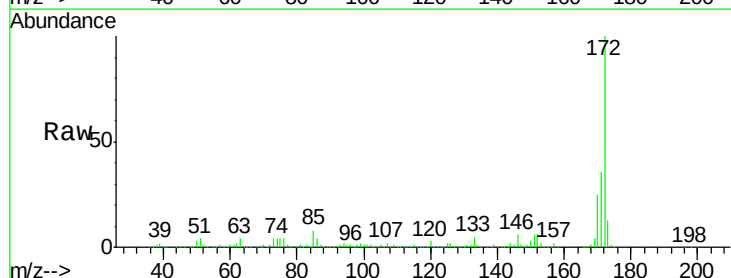
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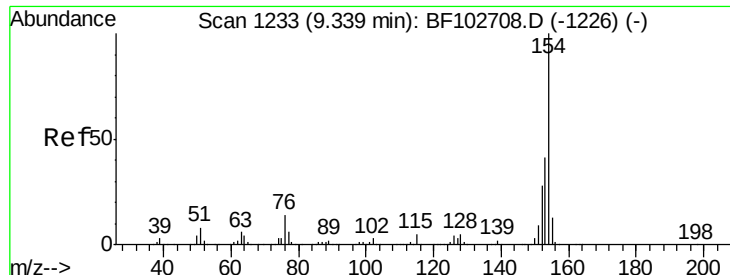
Sohil
 2/22/2018 9:05:09 AM



#44
 2-Fluorobiphenyl
 Concen: 81.997 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1350630		
171	36.5	29.7	44.5		
170	24.5	19.6	29.4		





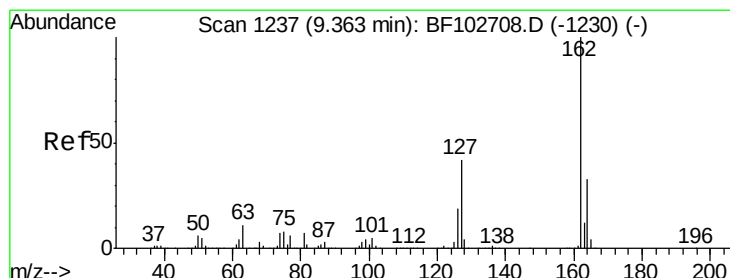
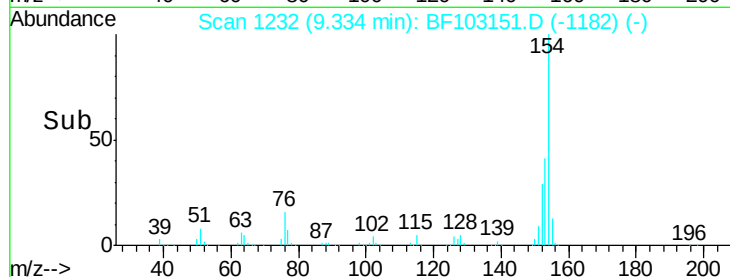
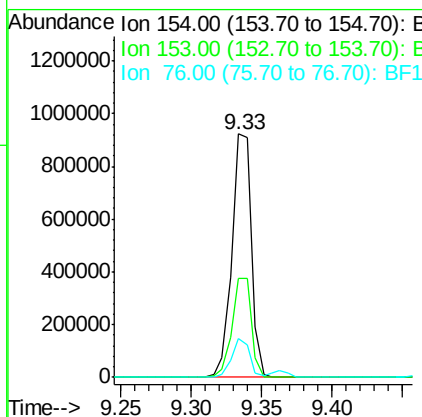
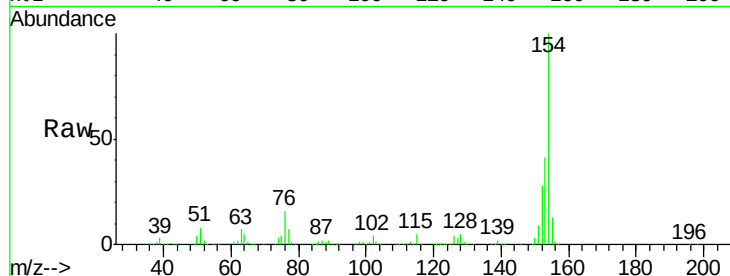
#45
 1,1'-Biphenyl
 Concen: 38.483 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB106713BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	21.3	61.3	
76	15.8	0.0	34.0	

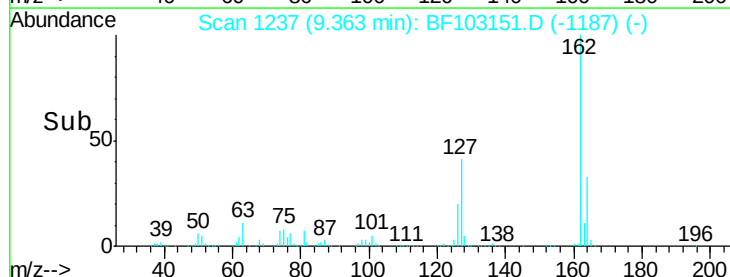
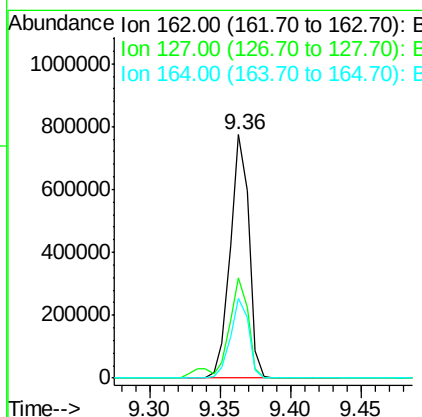
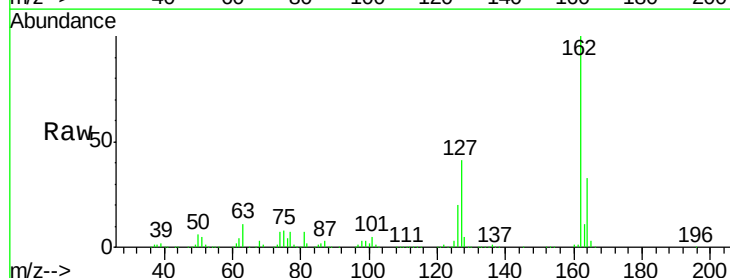
Manual Integrations
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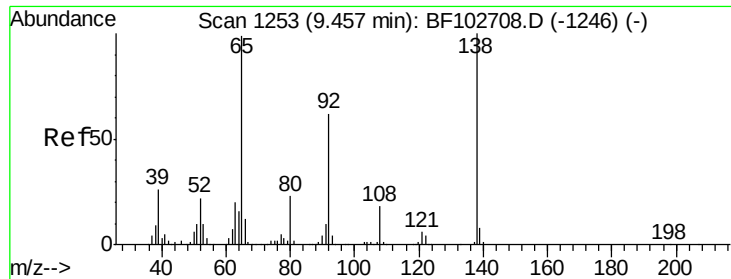
Sohil
 2/22/2018 9:05:09 AM



#46
 2-Chloronaphthalene
 Concen: 39.413 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.3	33.9	50.9	
164	32.7	26.5	39.7	





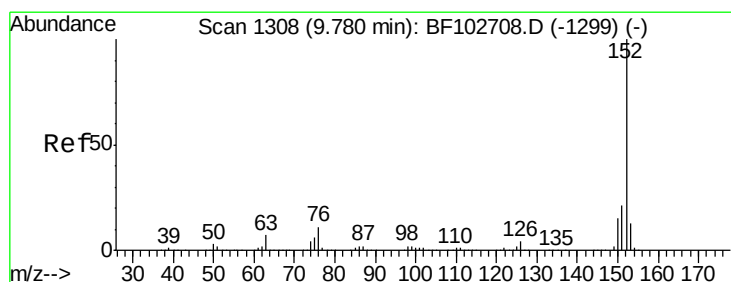
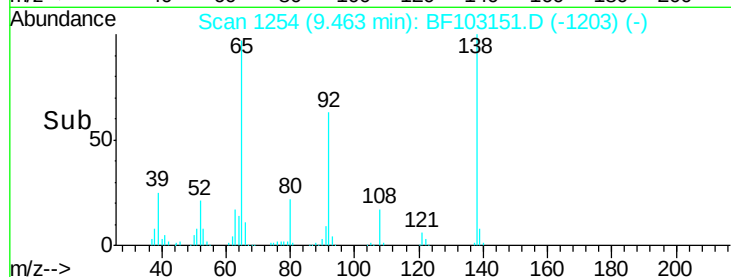
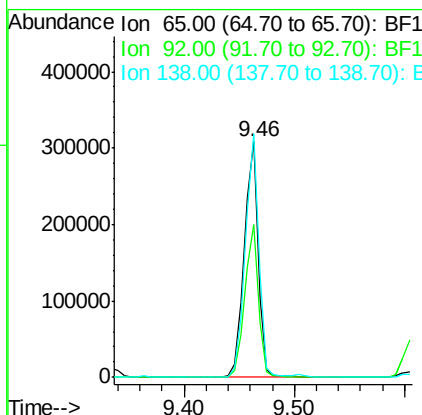
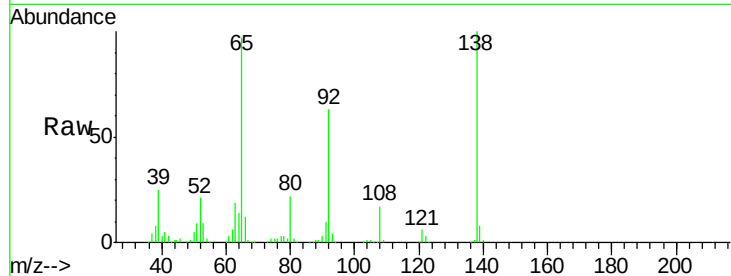
#47
2-Nitroaniline
Concen: 49.614 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampleId :
PB106713BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	278175		
92	65.1		55.8	83.6
138	103.3		91.2	136.8

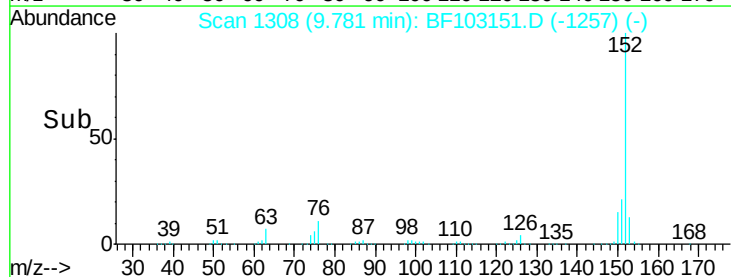
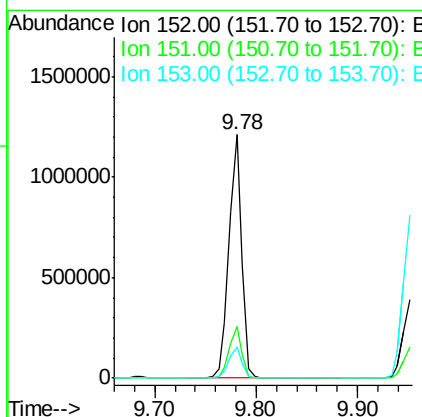
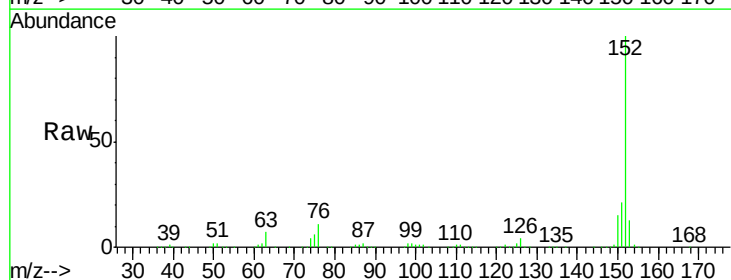
Manual Integrations
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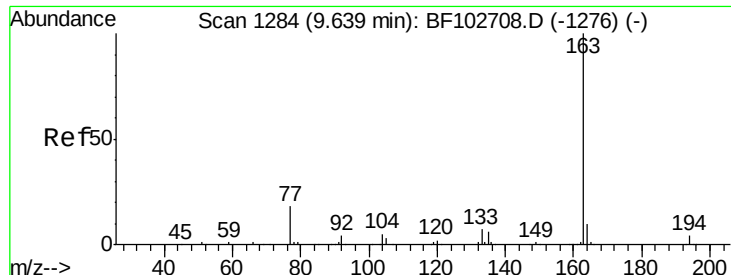
Sohil
2/22/2018 9:05:09 AM



#48
Acenaphthylene
Concen: 37.588 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1058098		
151	21.0		16.3	24.5
153	12.9		10.7	16.1





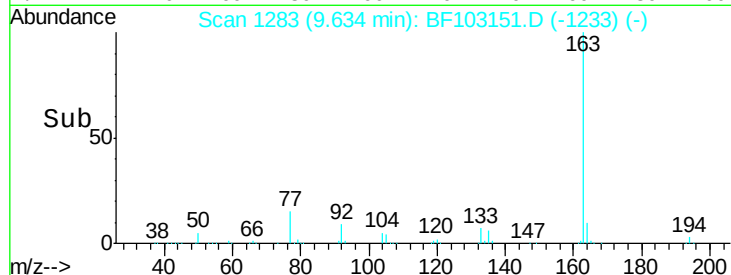
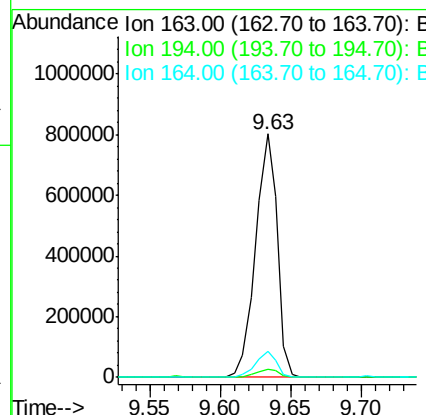
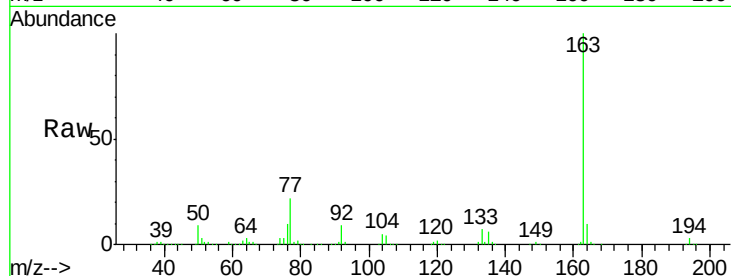
#49
Dimethylphthalate
Concen: 40.630 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampleId :
PB106713BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	865899		
194	3.3		2.7	4.1
164	10.4		8.2	12.2

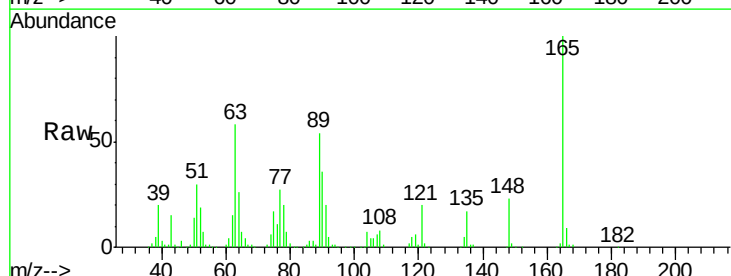
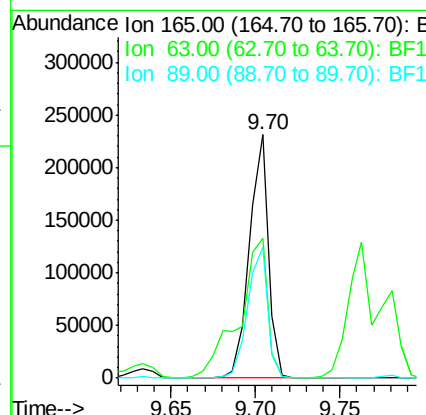
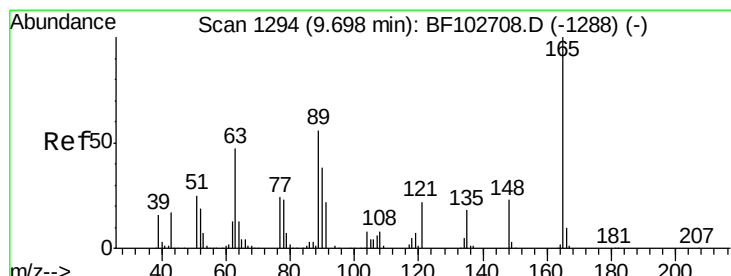
Manual Integrations
APPROVED

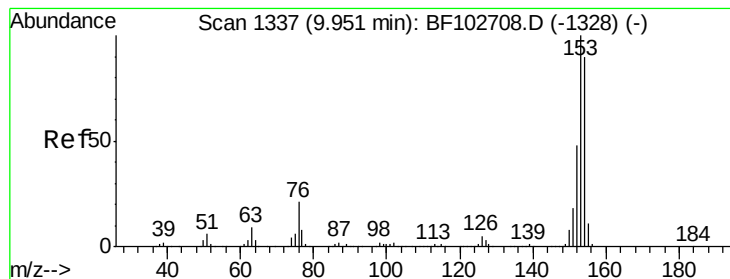
Sohil
2/22/2018 9:05:09 AM



#50
2,6-Dinitrotoluene
Concen: 44.931 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	182175		
63	57.7		44.7	67.1
89	54.0		44.0	66.0





#51

Acenaphthene

Concen: 35.628 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

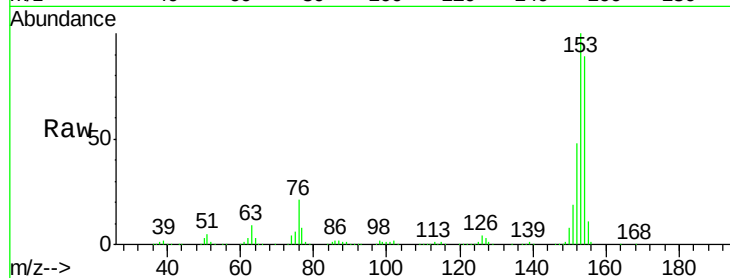
ClientSampleId :

PB106713BS

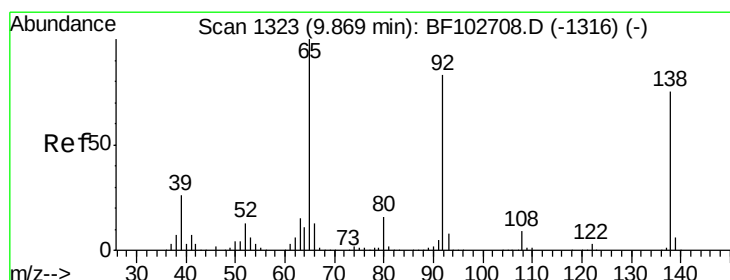
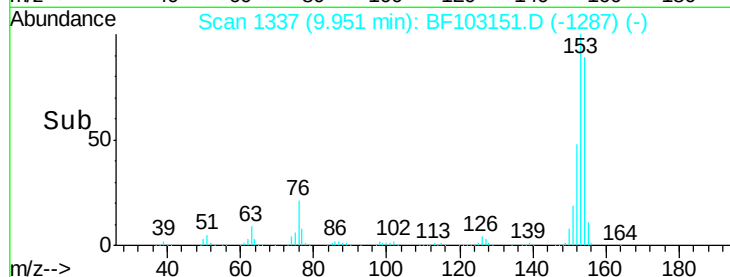
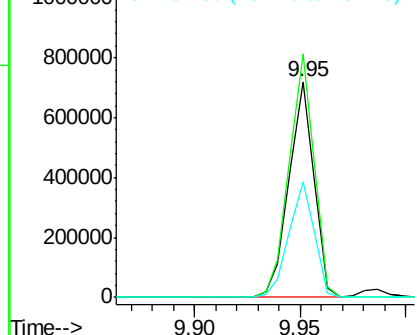
Tot Ion:	154	Resp:	599775
Ion Ratio	Lower	Upper	
154	100		
153	112.8	91.2	136.8
152	53.8	43.8	65.8

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



#52

3-Nitroaniline

Concen: 29.089 ng

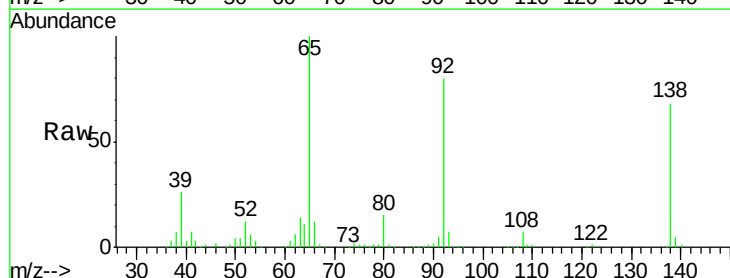
RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

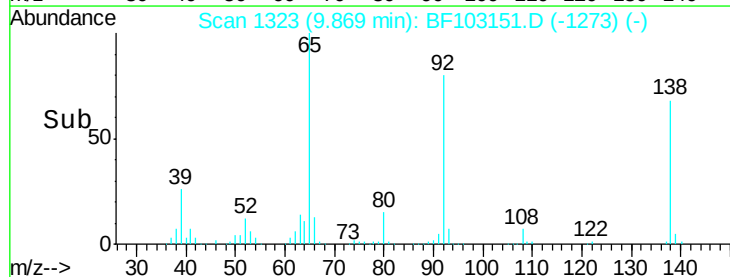
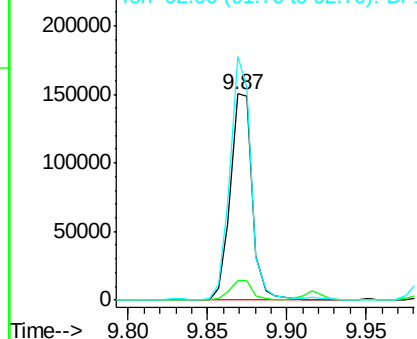
Lab File: BF103151.D

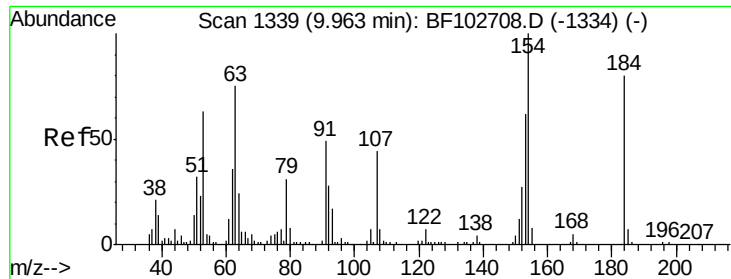
Acq: 21 Feb 2018 21:52

Tgt Ion:	138	Resp:	145124
Ion Ratio	Lower	Upper	
138	100		
108	9.7	9.4	14.0
92	118.1	89.4	134.2



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





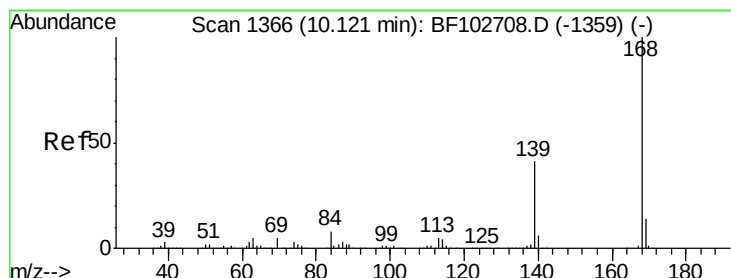
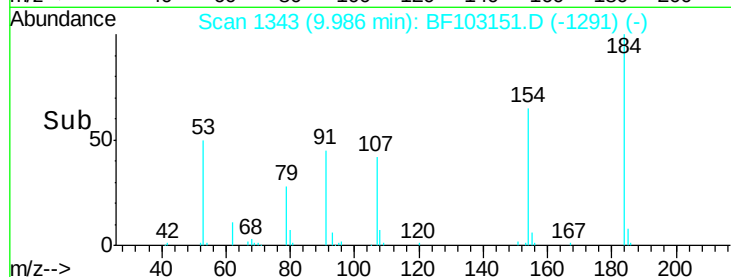
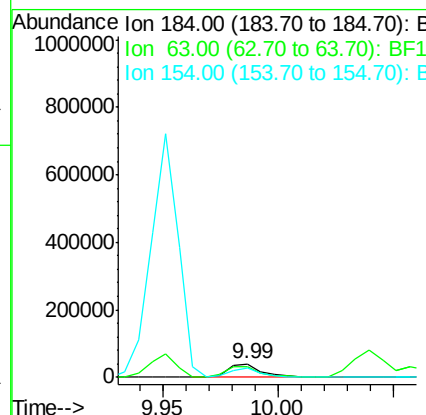
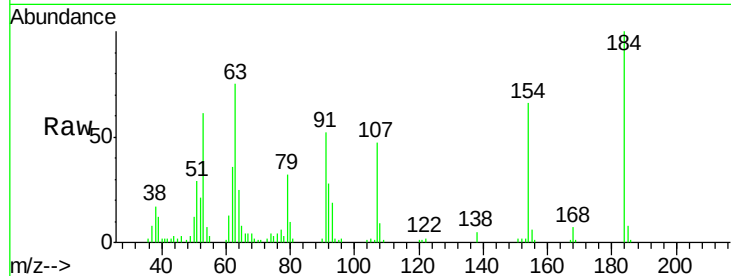
#53
2,4-Dinitrophenol
Concen: 45.371 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampled :
PB106713BS

Tot Ion:184 Resp: 41896
Ion Ratio Lower Upper
184 100
63 75.0 54.2 81.2
154 66.3 184.0 276.0#

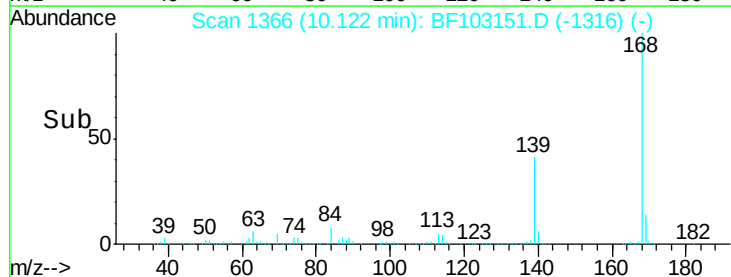
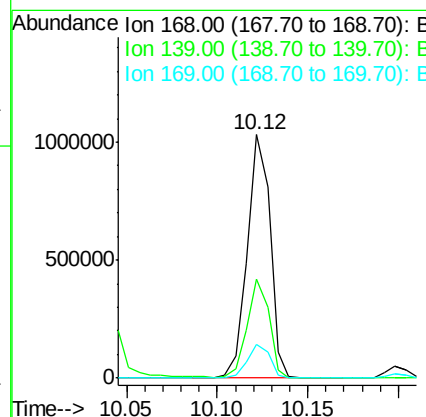
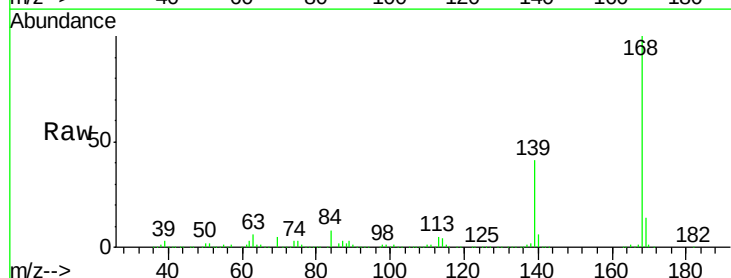
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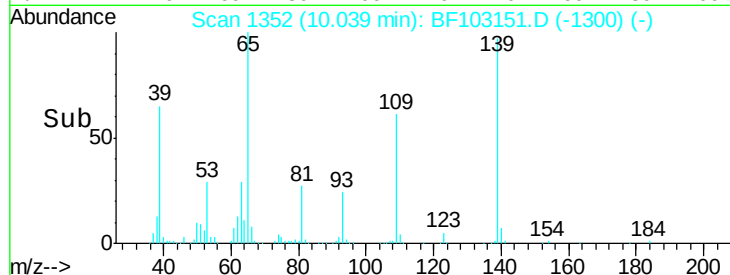
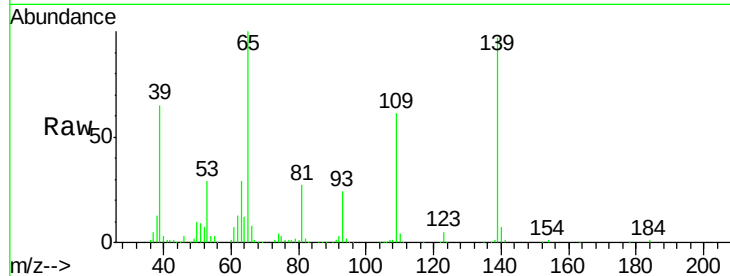
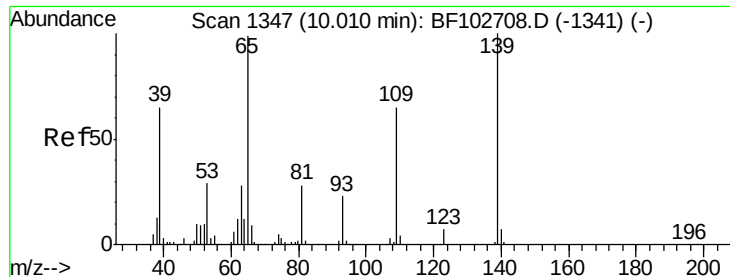
Sohil
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#54
Dibenzofuran
Concen: 38.078 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion:168 Resp: 903364
Ion Ratio Lower Upper
168 100
139 40.6 30.1 45.1
169 13.7 10.9 16.3





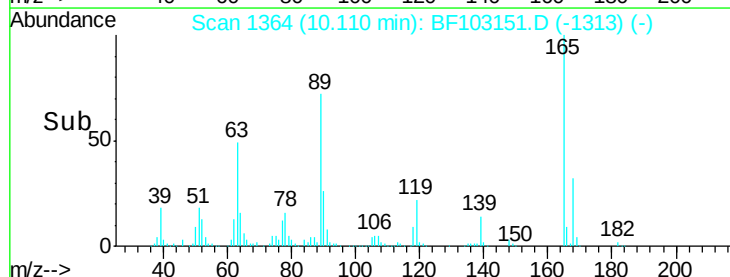
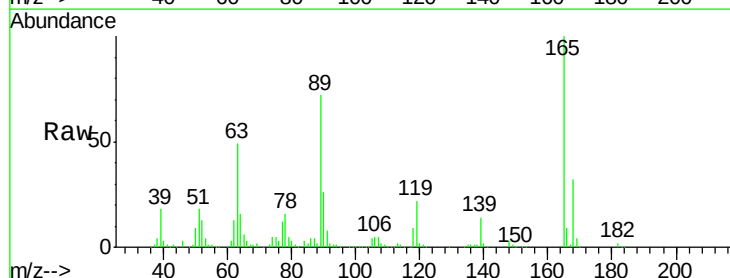
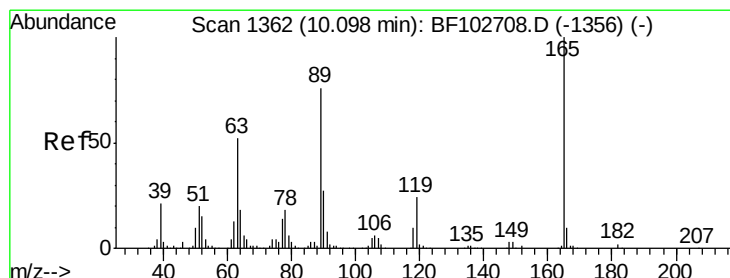
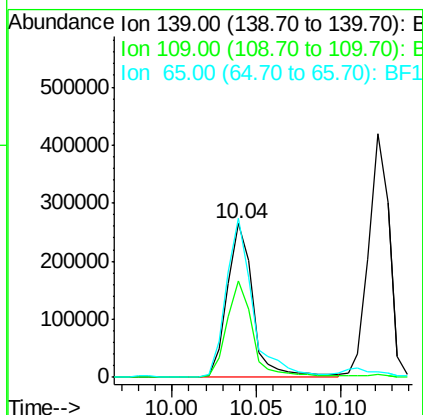
#55
4-Nitrophenol
Concen: 69.570 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampled :
PB106713BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	282962		
109	62.7	48.4	88.4	
65	103.6	72.6	112.6	

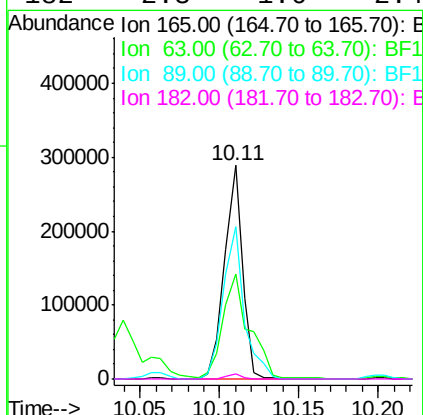
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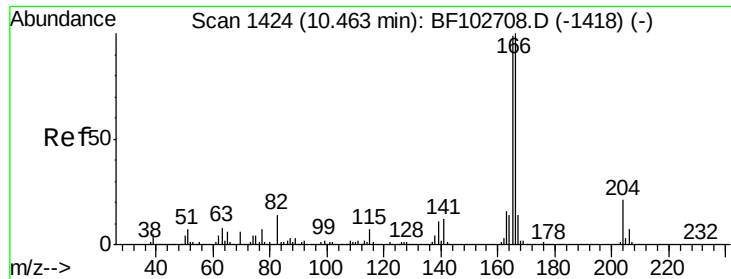
Sohil
2/22/2018 9:05:09 AM



#56
2,4-Dinitrotoluene
Concen: 42.362 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	228260		
63	48.9	36.4	54.6	
89	71.6	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 39.732 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

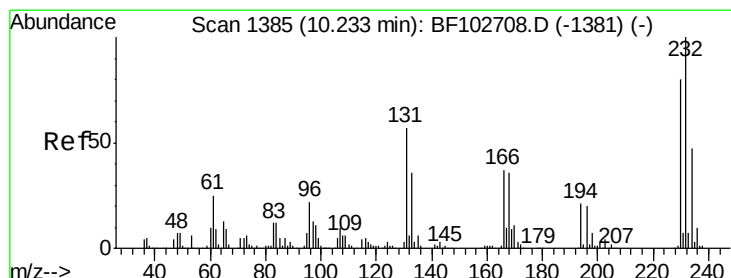
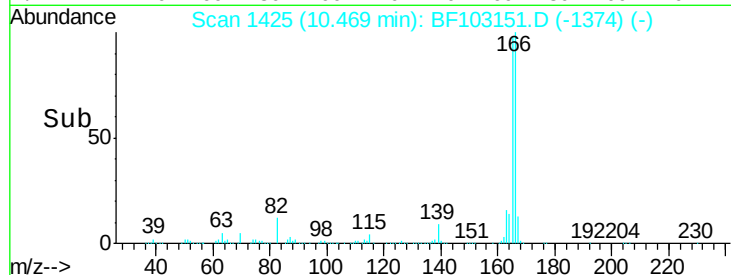
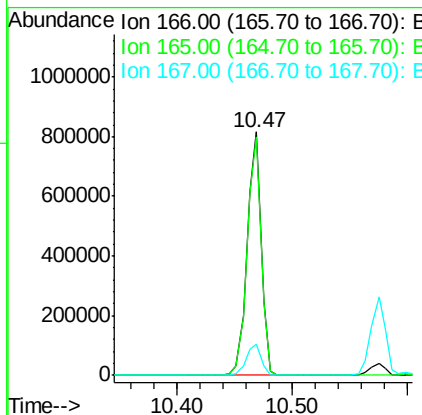
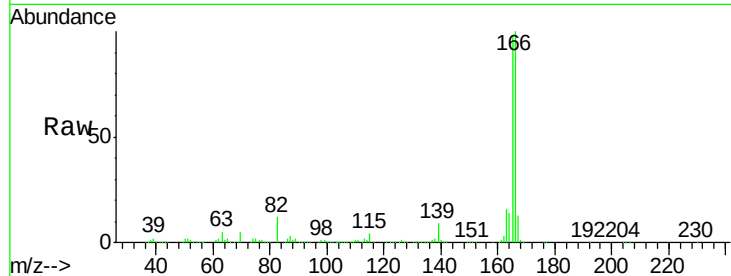
ClientSampled :

PB106713BS

Tot Ion:	166	Resp:	685816
Ion Ratio	Lower	Upper	
166	100		
165	97.9	79.8	119.8
167	12.7	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.374 ng

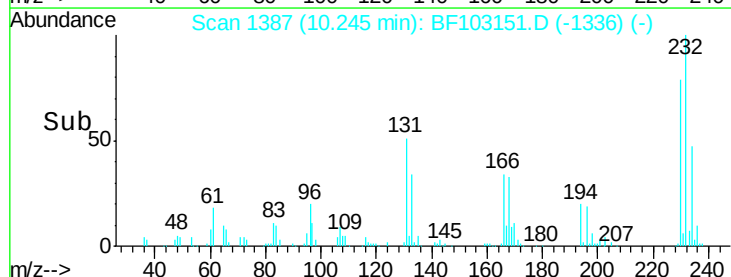
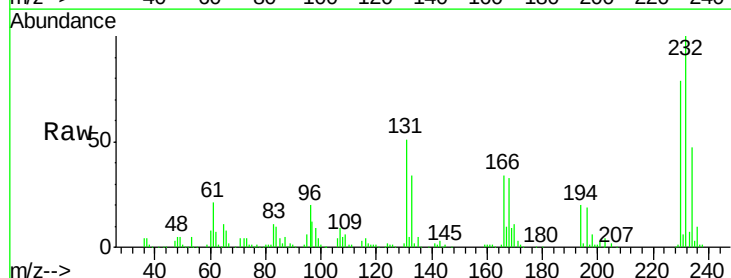
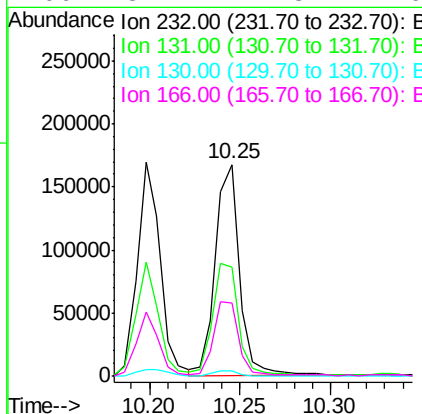
RT: 10.25 min Scan# 1387

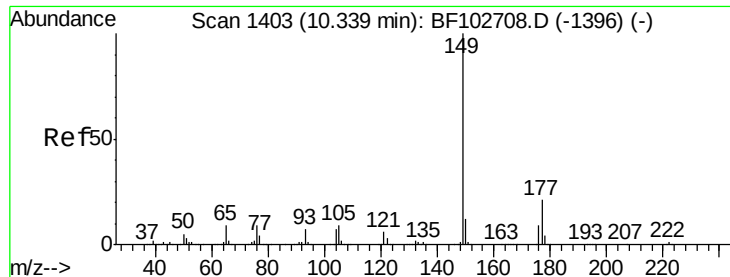
Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Tgt Ion:	232	Resp:	154170
Ion Ratio	Lower	Upper	
232	100		
131	57.1	43.8	65.8
130	2.6	2.1	3.1
166	37.1	27.8	41.6





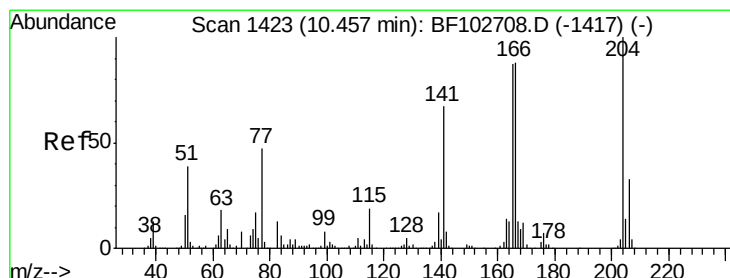
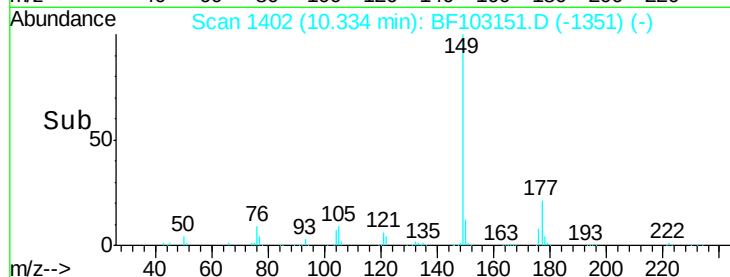
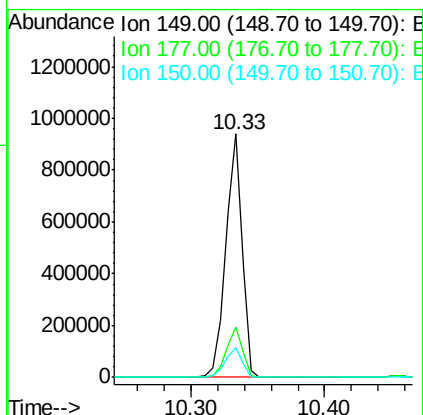
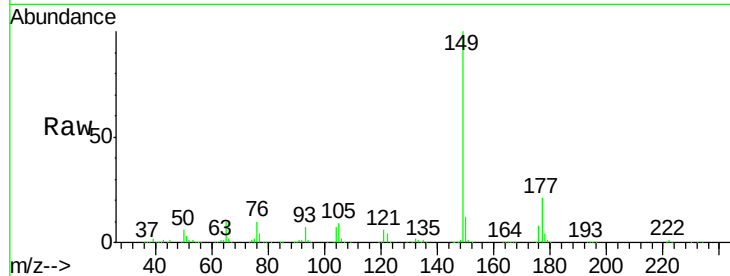
#59
Diethylphthalate
Concen: 38.737 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampleId :
PB106713BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.1	24.1
150	12.4	10.1	15.1

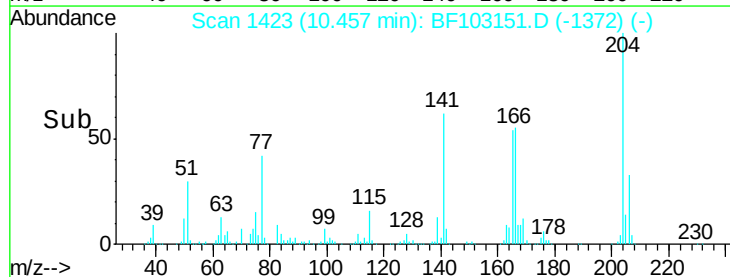
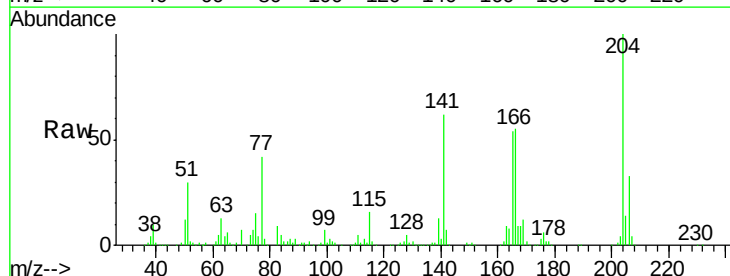
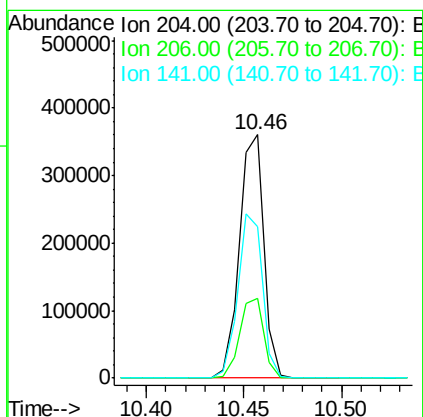
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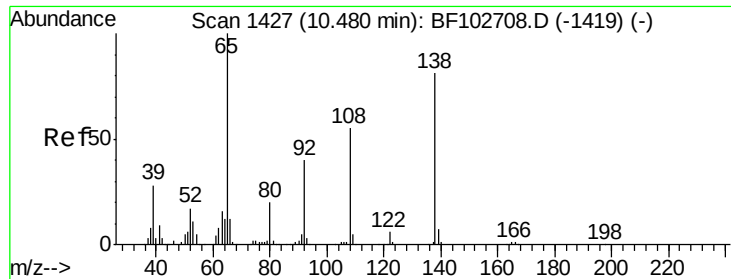
Sohil
2/22/2018 9:05:09 AM



#60
4-Chlorophenyl-phenylether
Concen: 40.889 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	62.4	54.6	81.8





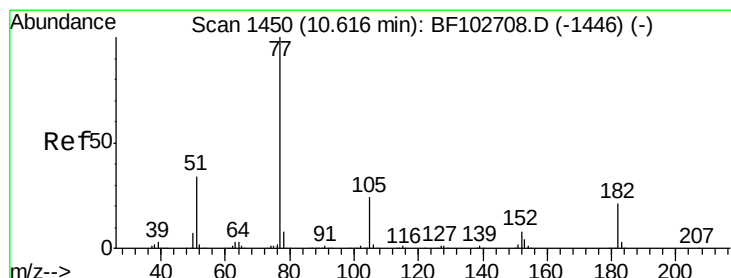
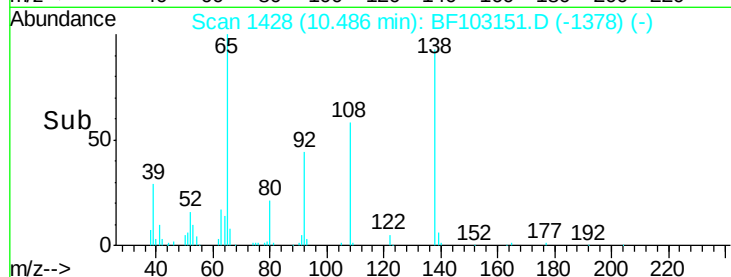
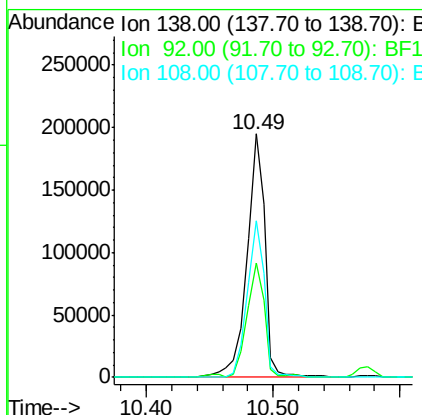
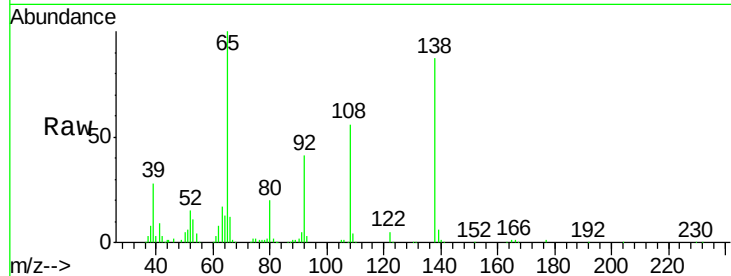
#61
4-Nitroaniline
Concen: 40.480 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampled :
PB106713BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.2	30.2	70.2
108	64.4	52.5	92.5

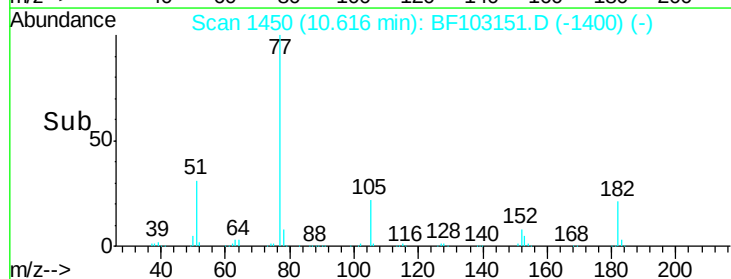
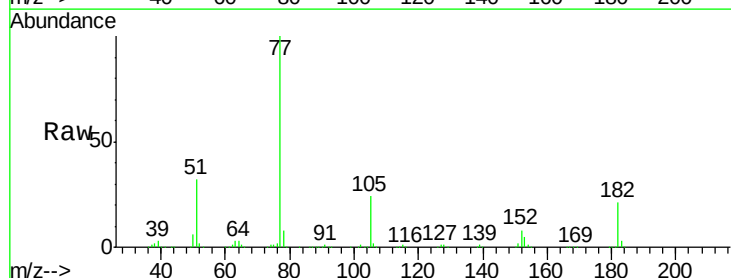
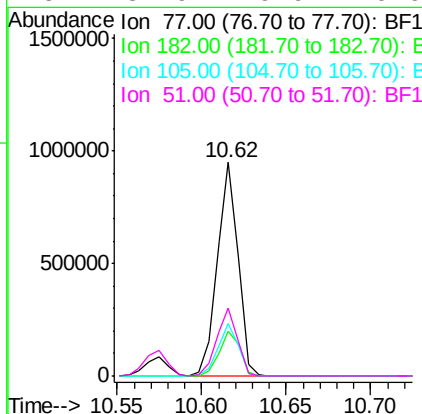
Manual Integrations
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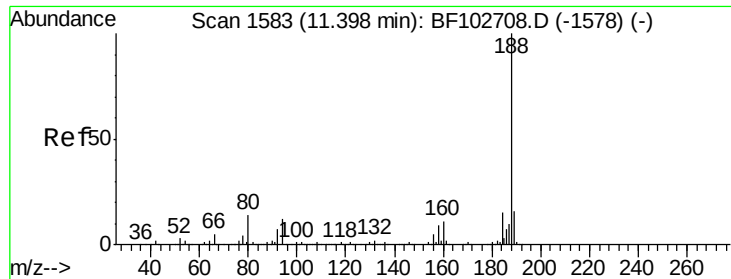
Sohil
2/22/2018 9:05:09 AM



#62
Azobenzene
Concen: 38.654 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.1	1.7	41.7
105	24.4	3.0	43.0
51	31.9	9.9	49.9





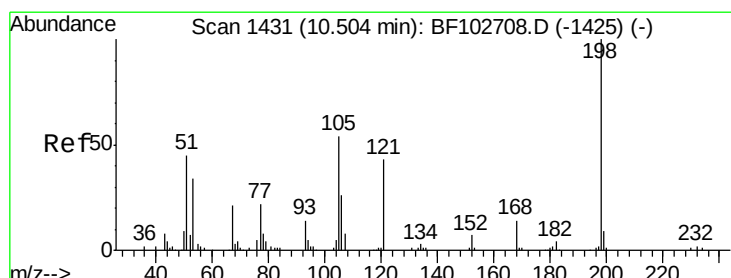
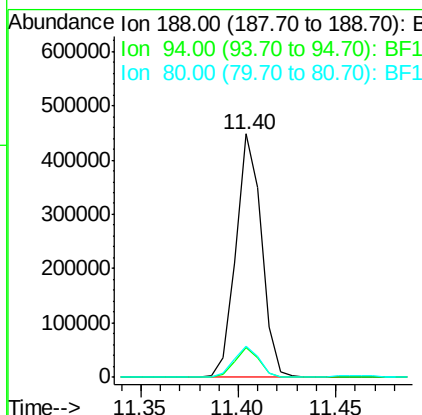
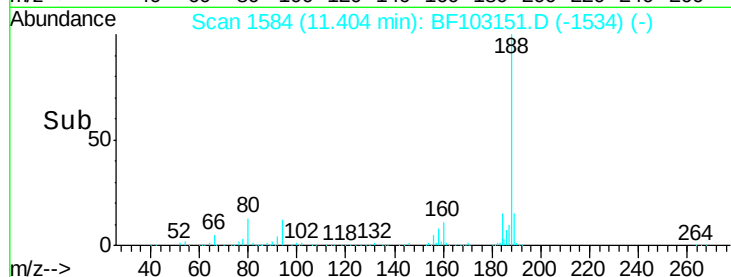
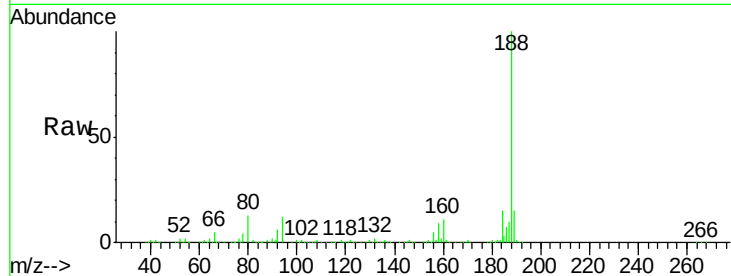
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampleId :
PB106713BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	408881		
94	12.1		8.5	12.7
80	12.9		9.2	13.8

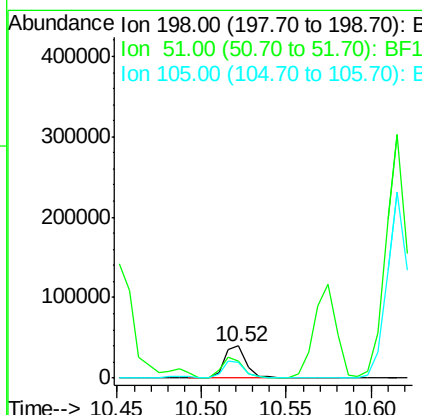
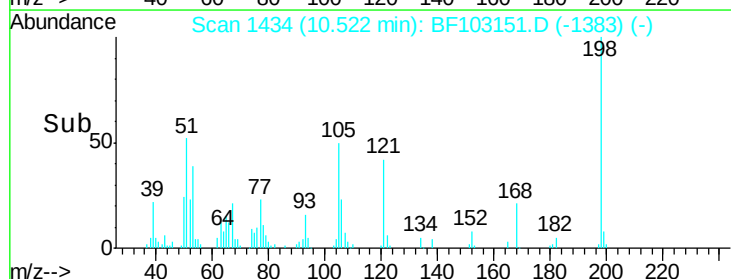
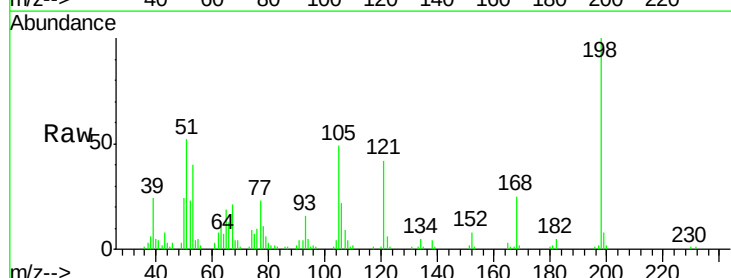
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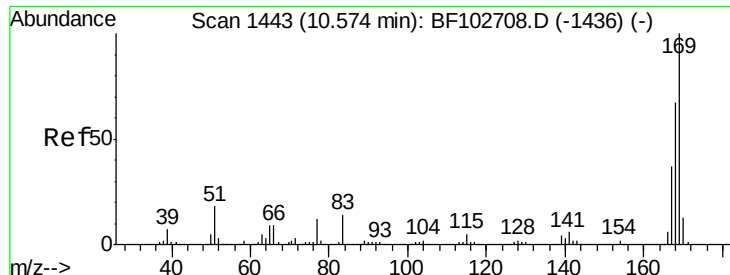
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 27.097 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	35711		
51	51.8		37.7	77.7
105	49.5		36.3	76.3





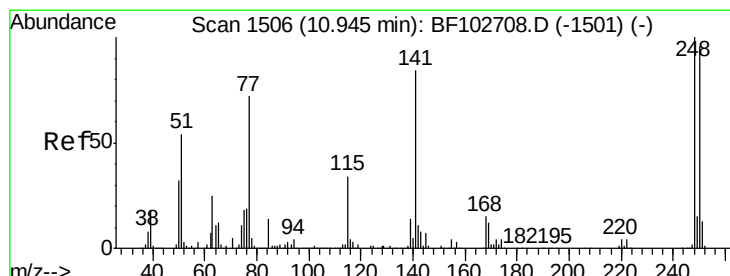
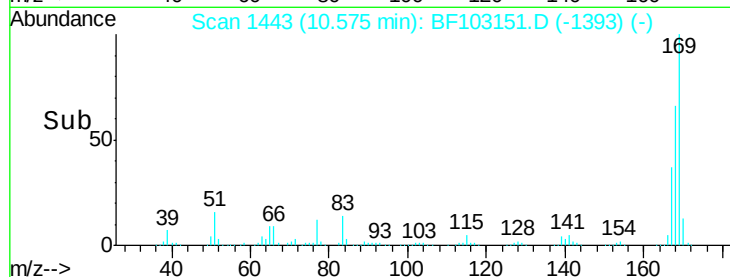
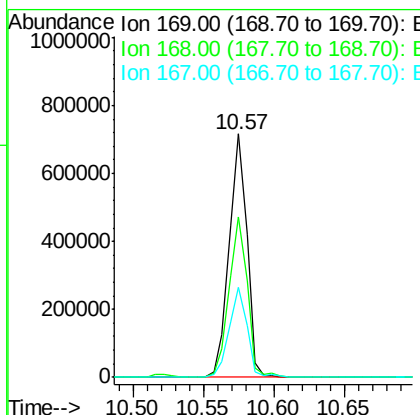
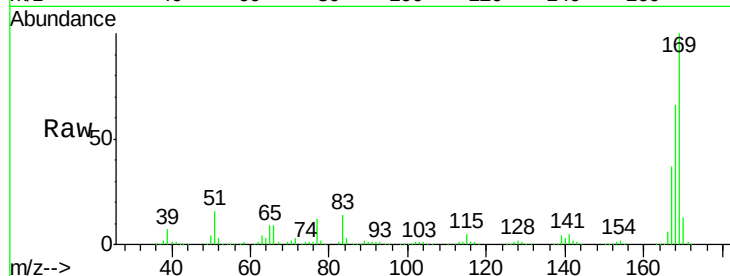
#65
 n-Nitrosodiphenylamine
 Concen: 43.571 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB106713BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	628395		
168	65.8		54.4	81.6
167	37.0		29.8	44.6

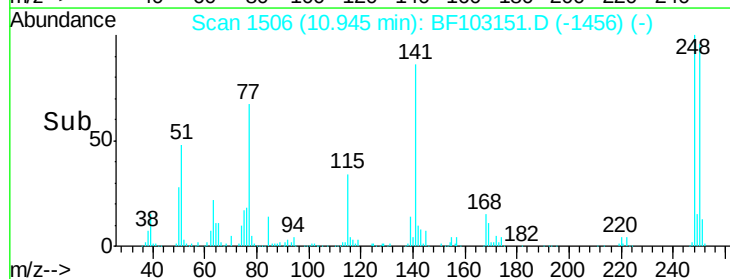
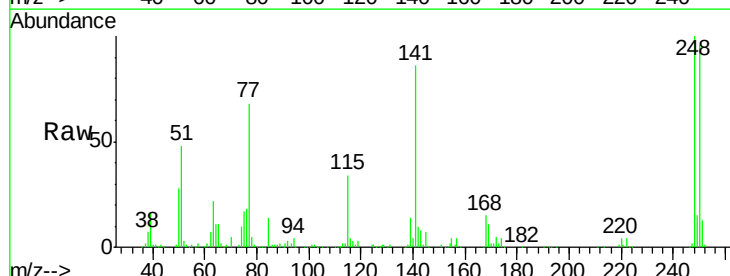
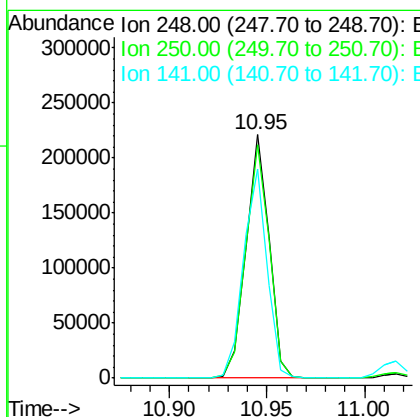
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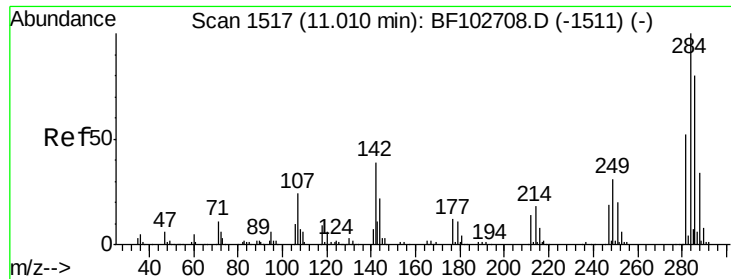
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#66
 4-Bromophenyl-phenylether
 Concen: 42.048 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	181866		
250	96.0		76.9	115.3
141	85.8		74.4	111.6





#67

Hexachlorobenzene

Concen: 39.103 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

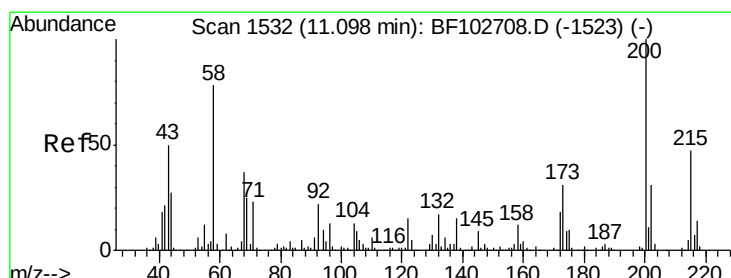
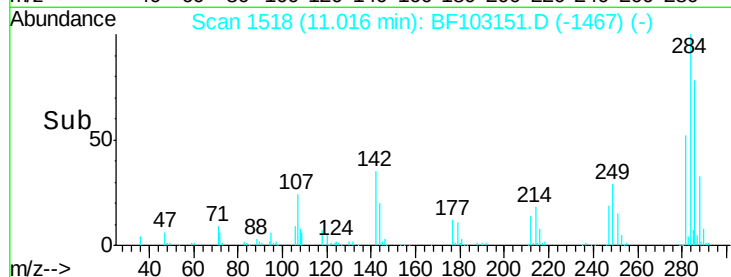
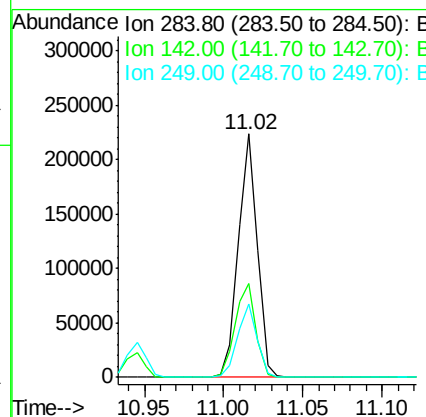
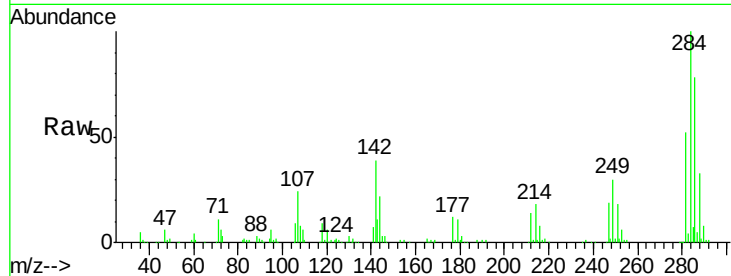
ClientSampleId :

PB106713BS

Tot Ion:	284	Resp:	186582
Ion Ratio		Lower	Upper
284	100		
142	38.7	34.6	52.0
249	30.3	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 44.149 ng

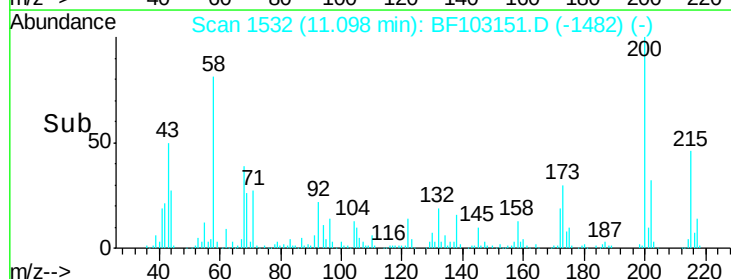
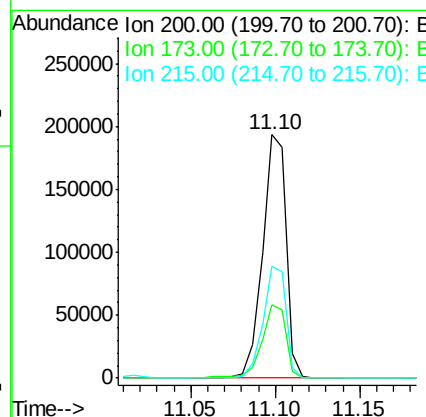
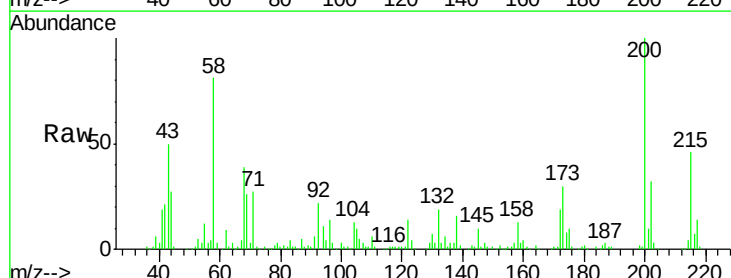
RT: 11.10 min Scan# 1532

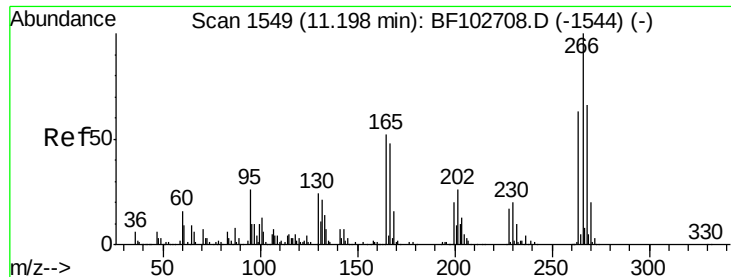
Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Tgt Ion:	200	Resp:	187845
Ion Ratio		Lower	Upper
200	100		
173	30.2	8.6	48.6
215	45.9	25.1	65.1





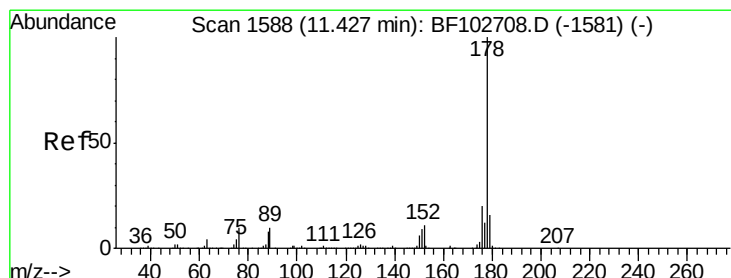
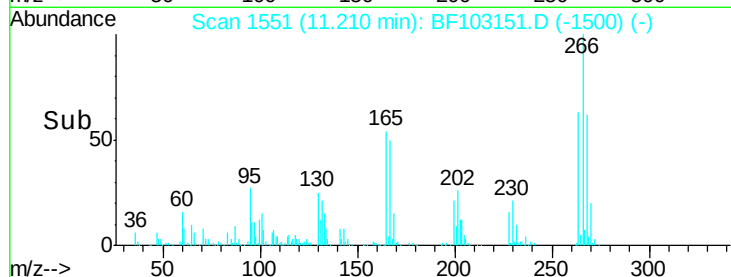
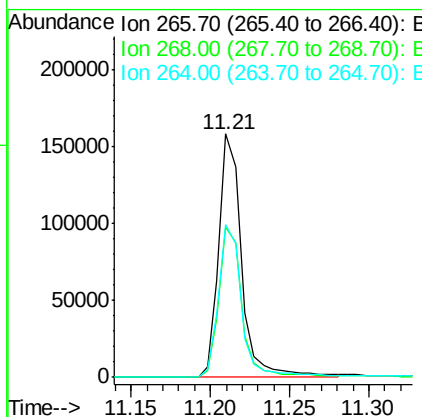
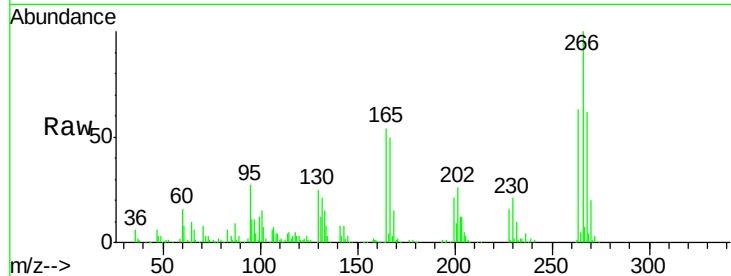
#69
 Pentachlorophenol
 Concen: 57.091 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB106713BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	159910		
268	61.6	51.1	76.7	
264	62.6	49.5	74.3	

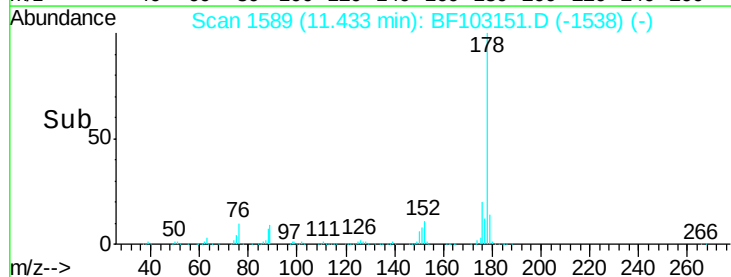
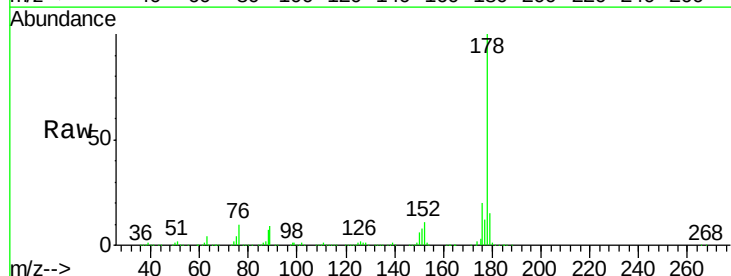
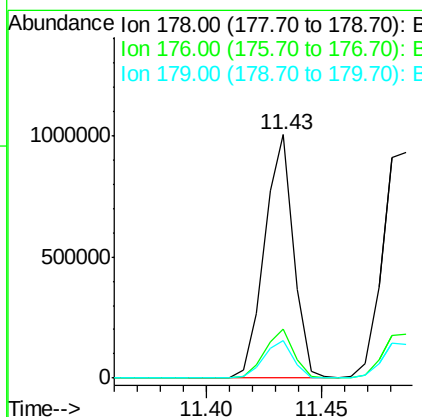
Manual Integrations
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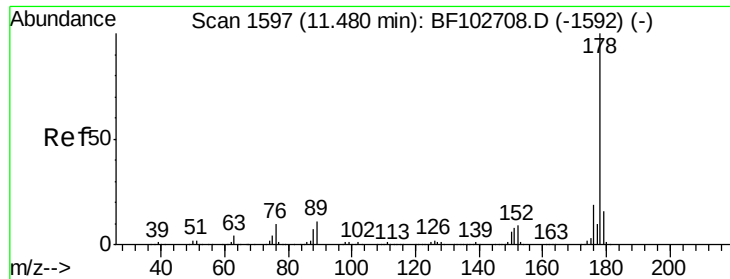
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#70
 Phenanthrene
 Concen: 38.439 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	875335		
176	19.9	15.8	23.8	
179	15.2	13.0	19.6	





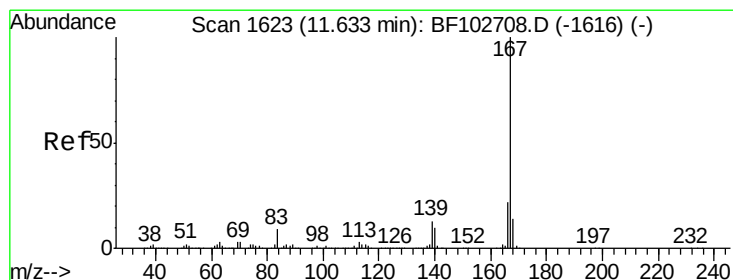
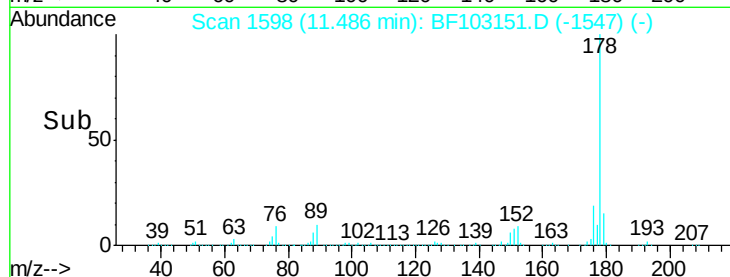
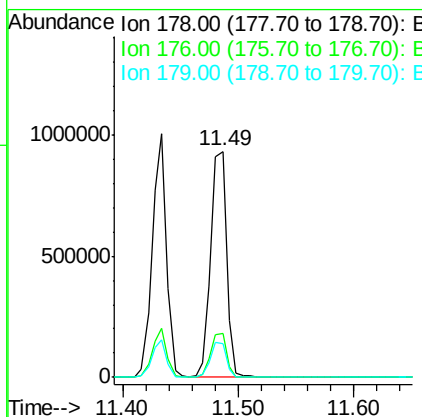
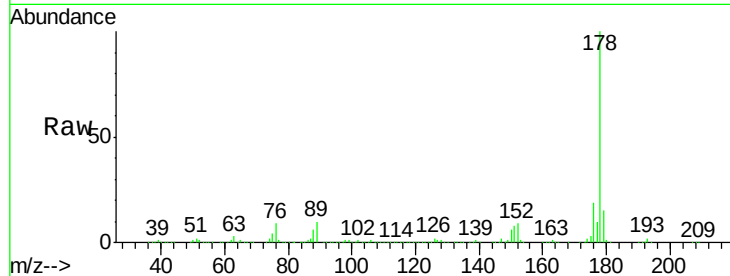
#71
 Anthracene
 Concen: 39.146 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB106713BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	14.9	12.6	19.0

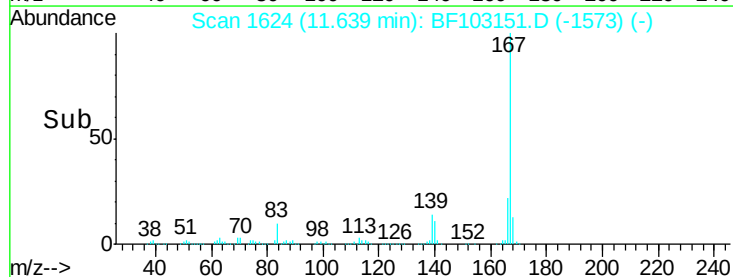
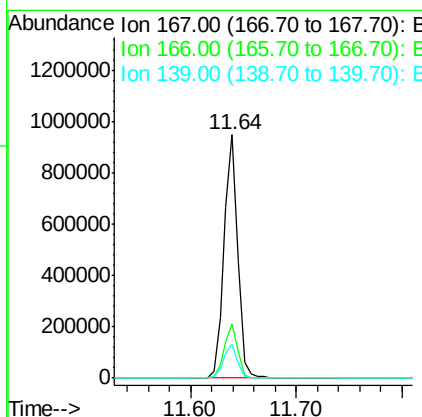
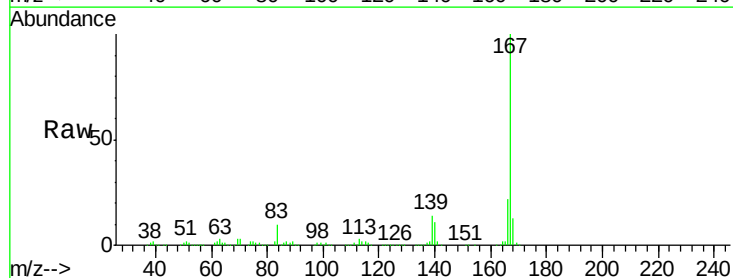
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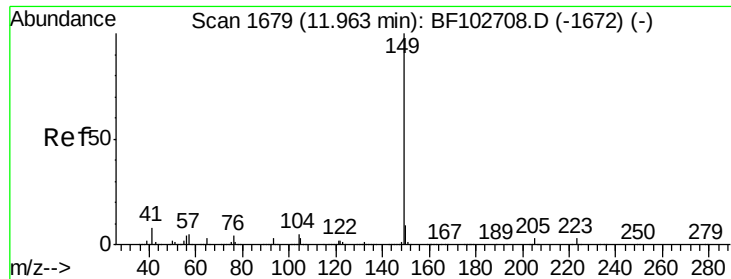
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#72
 Carbazole
 Concen: 38.046 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 43.004 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

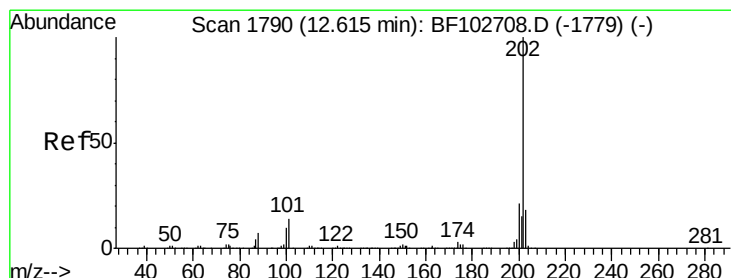
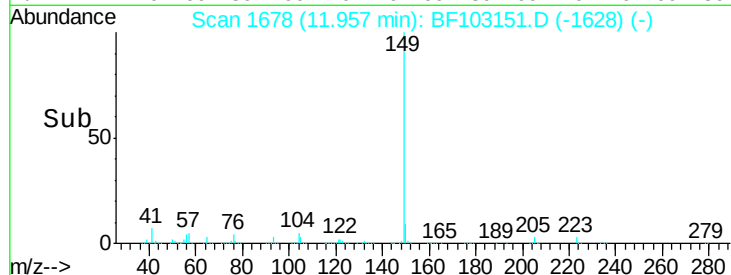
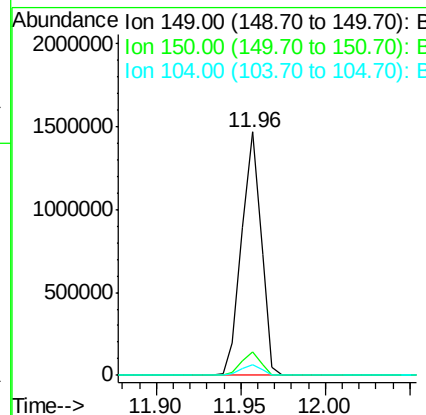
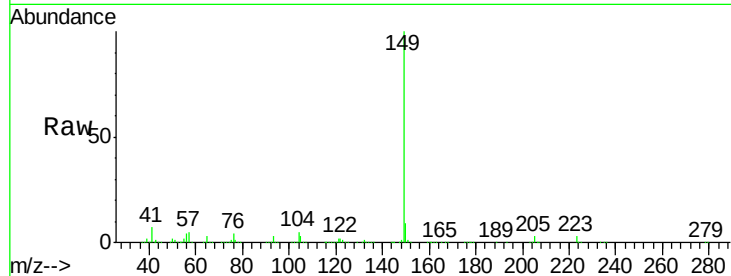
ClientSampleId :

PB106713BS

Tot Ion:	149	Resp:	1185327
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.6	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 35.402 ng

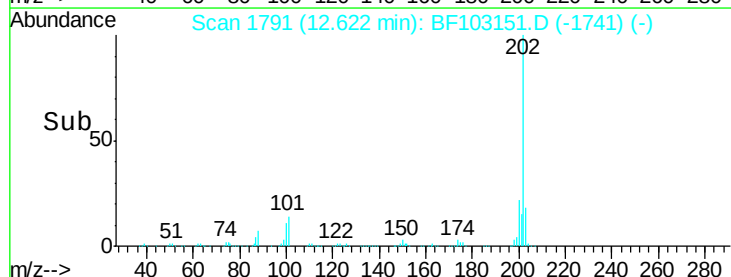
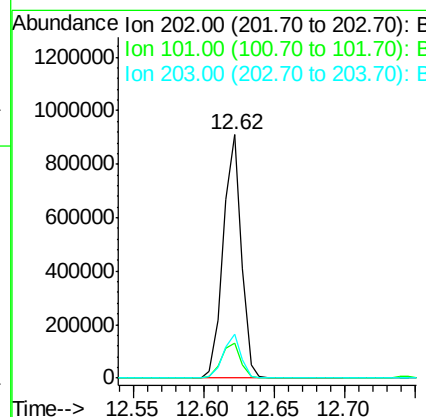
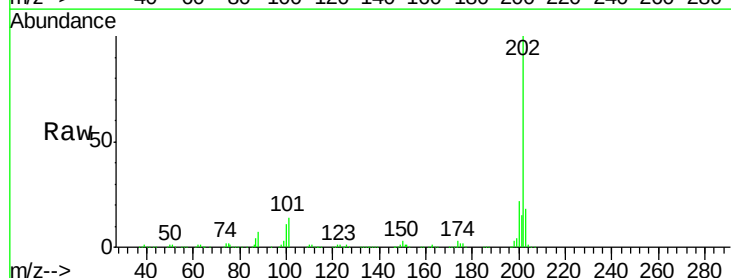
RT: 12.62 min Scan# 1791

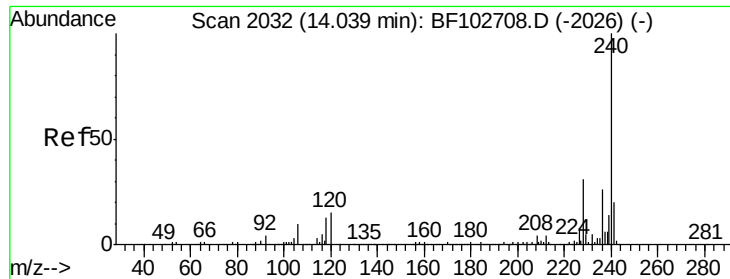
Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Tgt Ion:	202	Resp:	811095
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	34.1
203	17.9	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: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

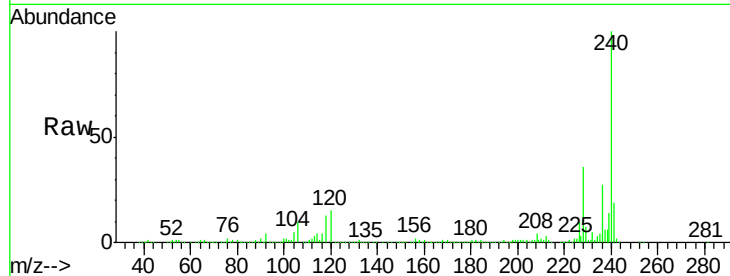
ClientSampleId :

PB106713BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3
236	26.6	20.7	31.1

Manual Integrations
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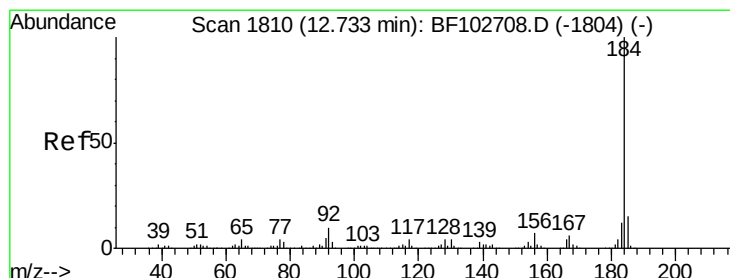
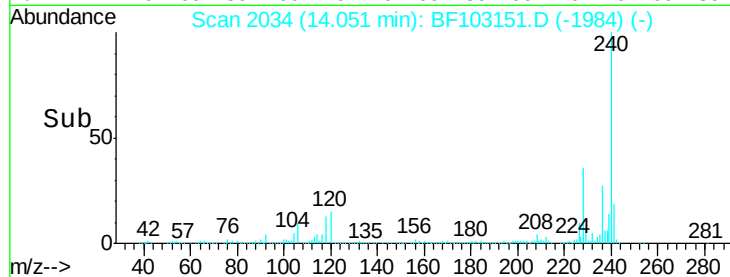
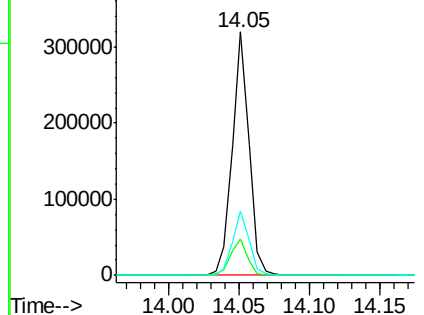
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 52.898 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103151.D

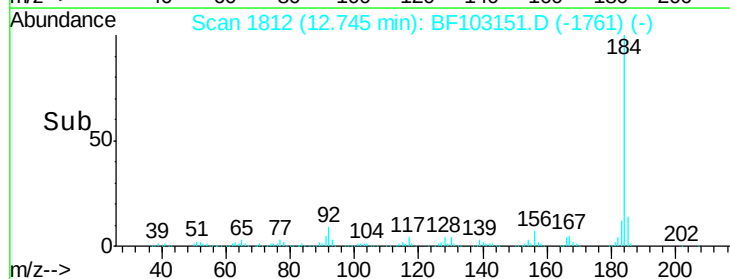
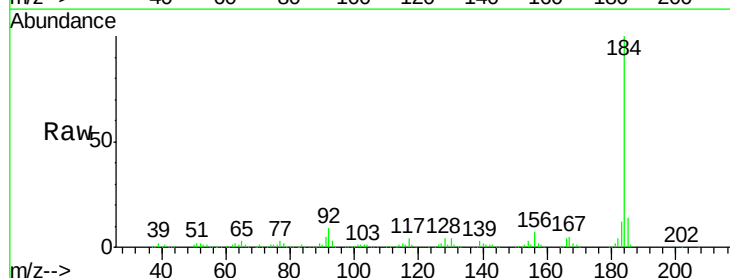
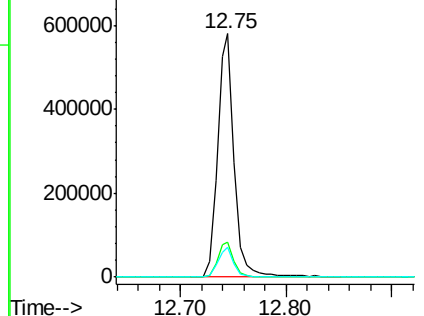
Acq: 21 Feb 2018 21:52

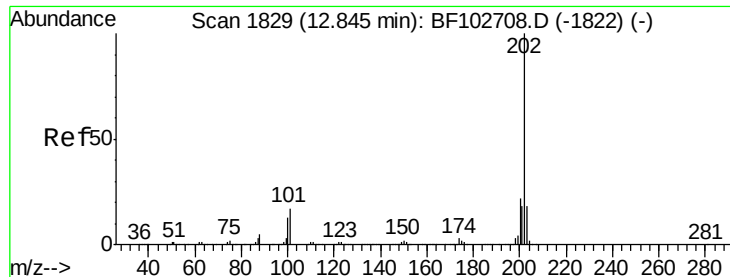
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	12.1	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.086 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

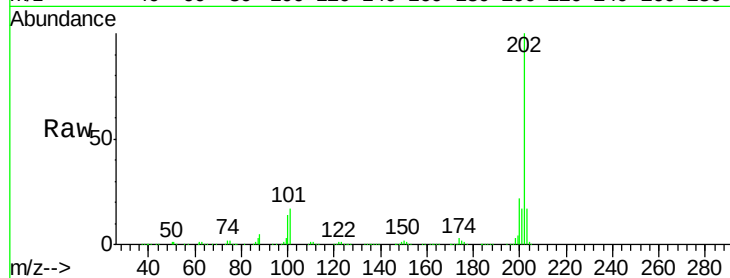
ClientSampled :

PB106713BS

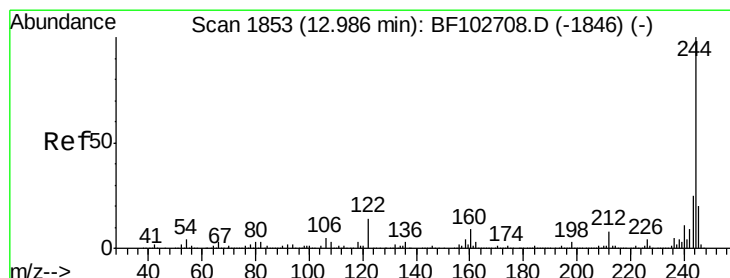
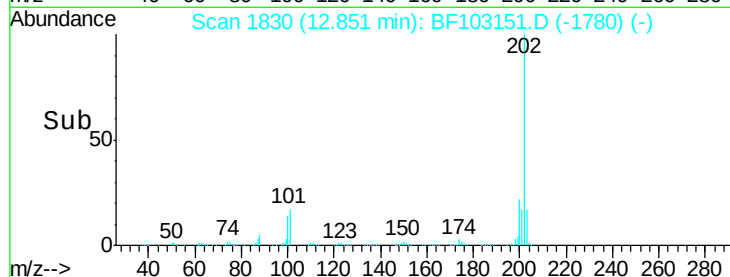
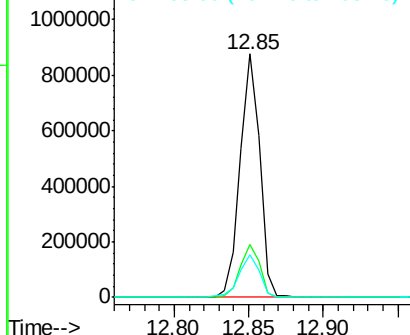
Tot Ion:	202	Resp:	809455
Ion Ratio		Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.3	14.3	21.5

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



#78

Terphenyl-d14

Concen: 91.054 ng

RT: 12.99 min Scan# 1853

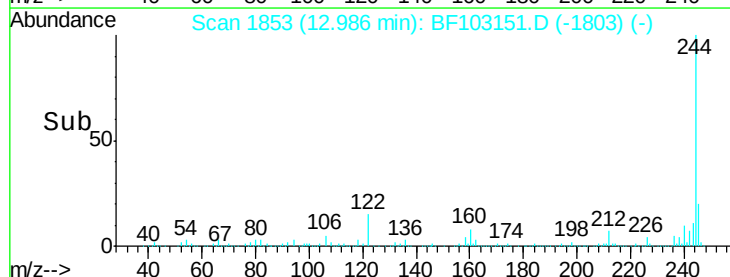
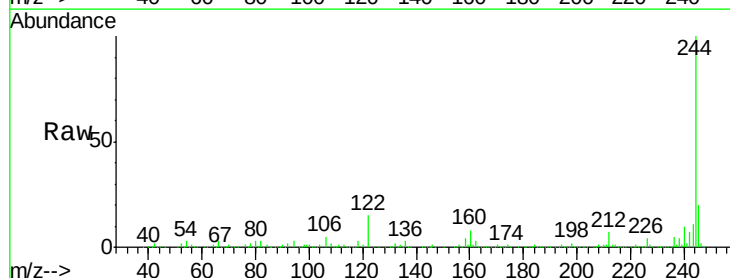
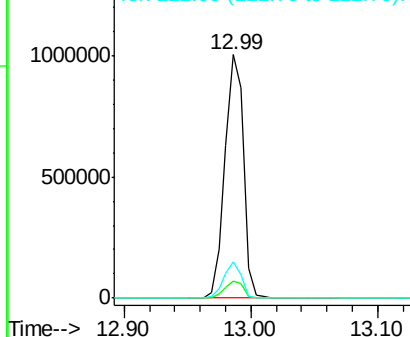
Delta R.T. -0.01 min

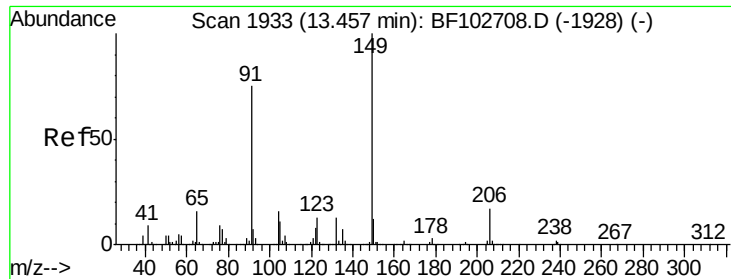
Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Tgt Ion:	244	Resp:	1015603
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.4	8.0
122	15.1	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





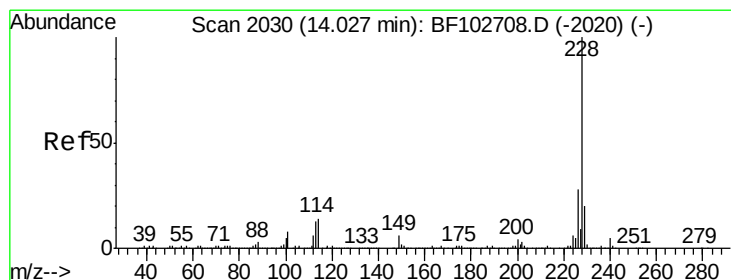
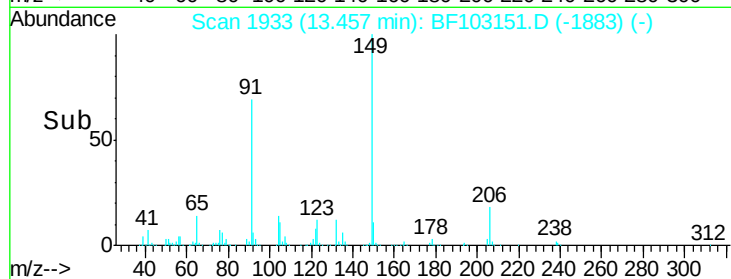
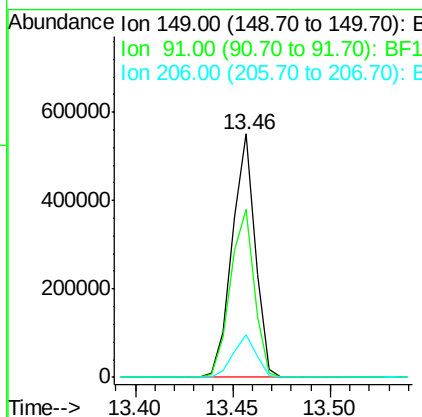
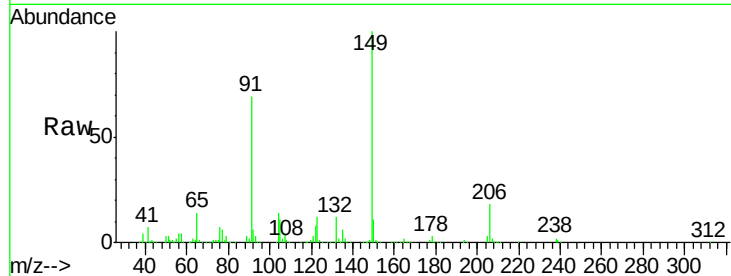
#79
Butylbenzylphthalate
Concen: 45.715 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampleId :
PB106713BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	452361		
91	69.0	56.8	85.2	
206	17.6	14.1	21.1	

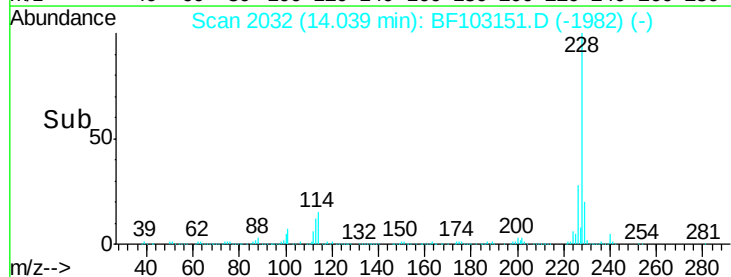
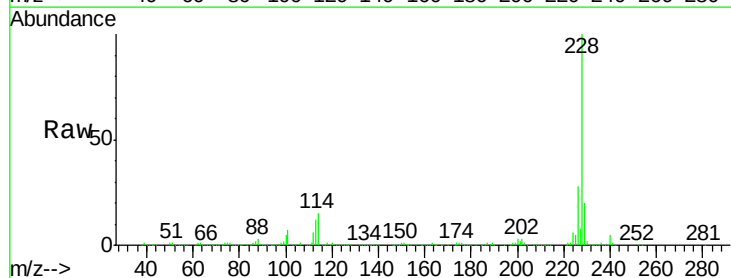
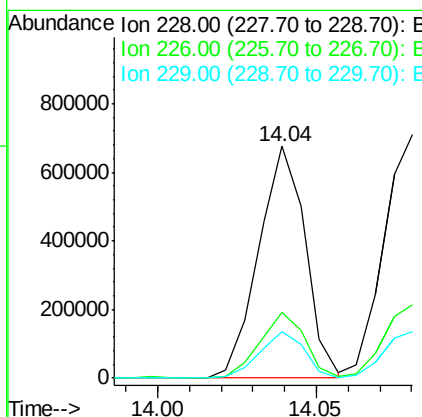
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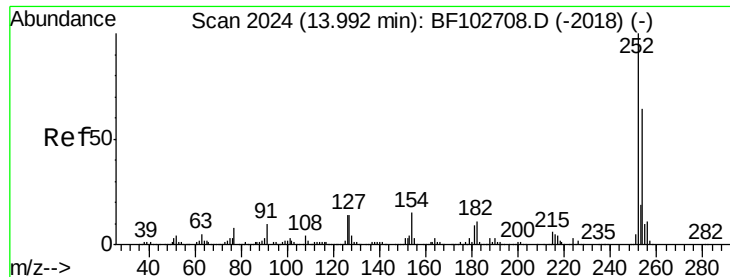
Sohil
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#80
Benzo(a)anthracene
Concen: 41.619 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	691257		
226	28.1	22.6	33.8	
229	19.9	15.8	23.6	





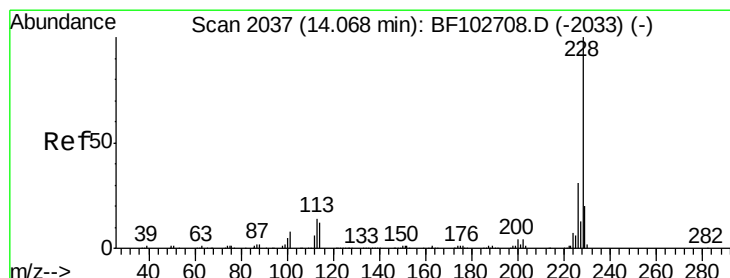
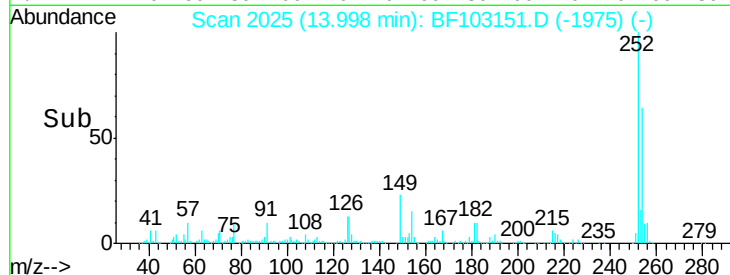
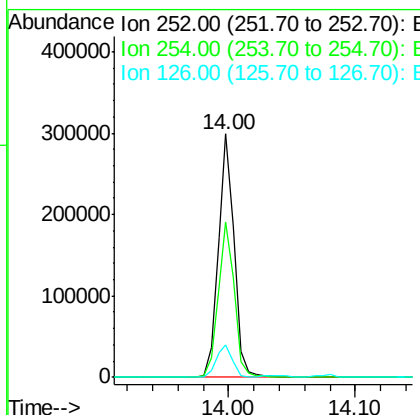
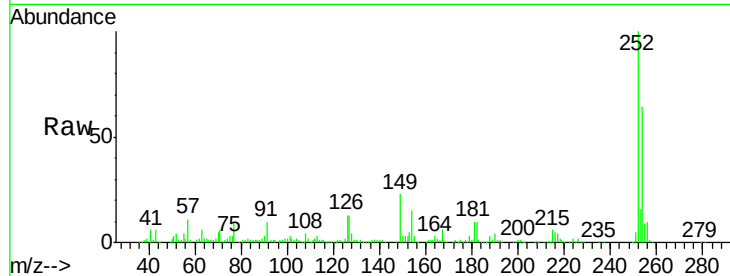
#81
 3,3'-Dichlorobenzidine
 Concen: 43.099 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB106713BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.6	50.4	75.6
126	13.2	11.3	16.9

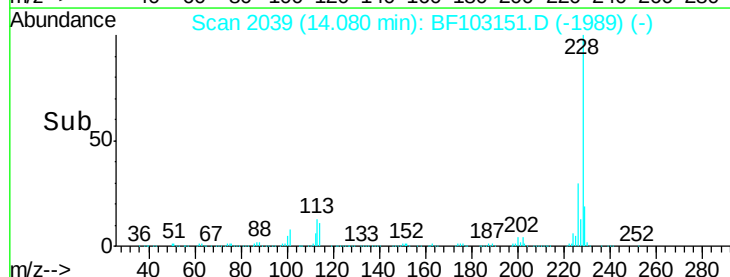
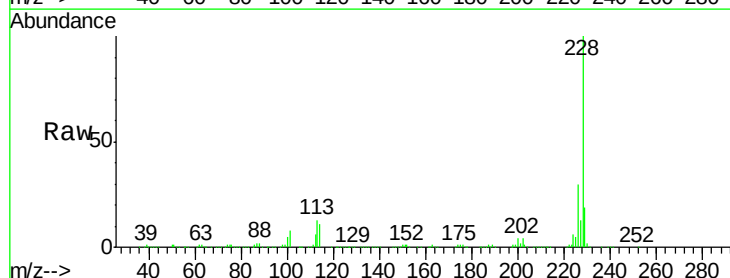
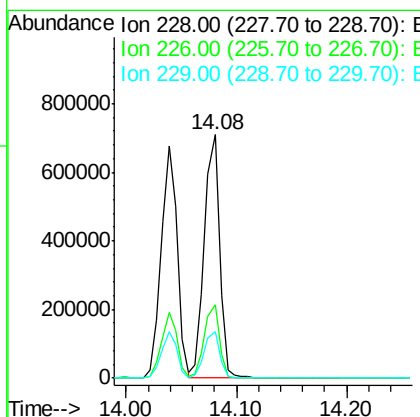
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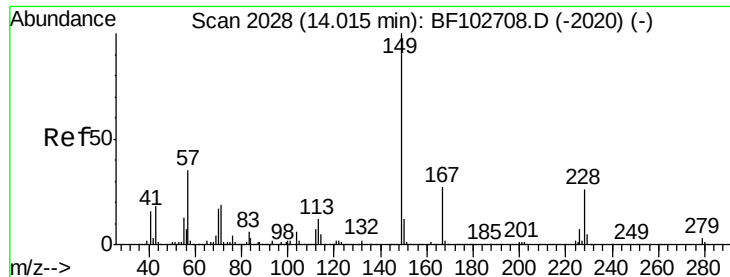
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#82
 Chrysene
 Concen: 39.527 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.1	16.2	24.4





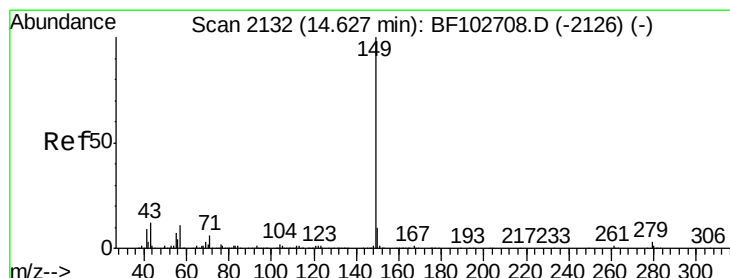
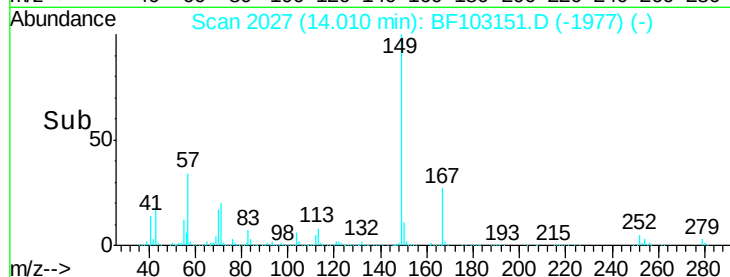
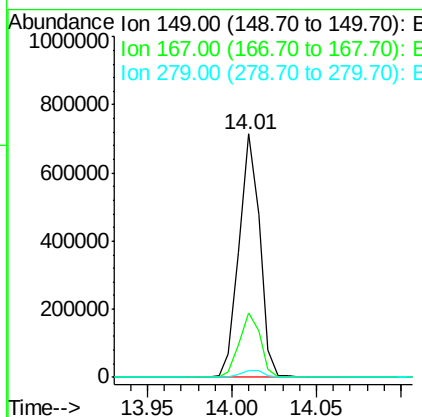
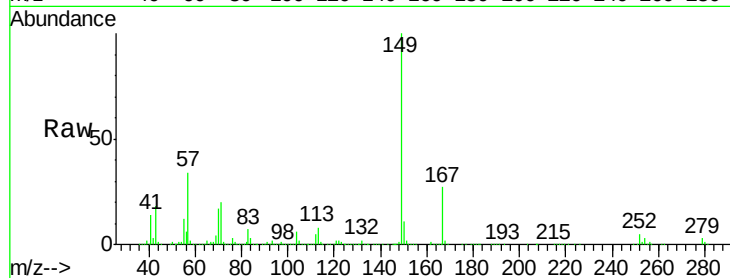
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.157 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB106713BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.0	3.0	4.4

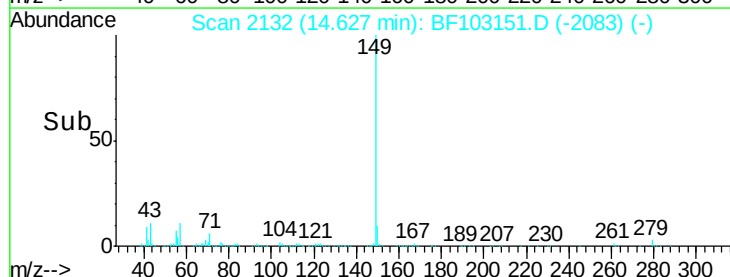
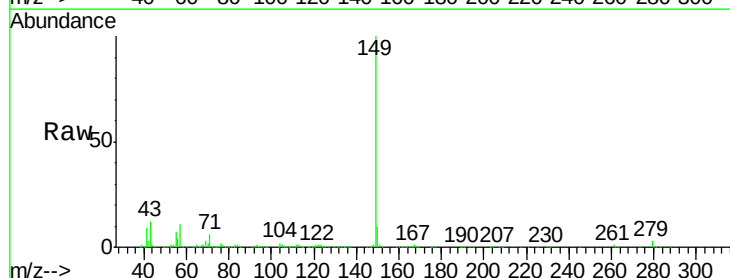
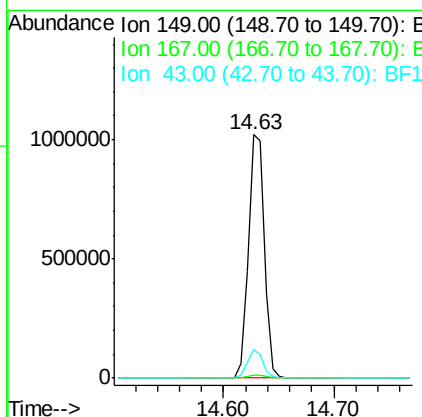
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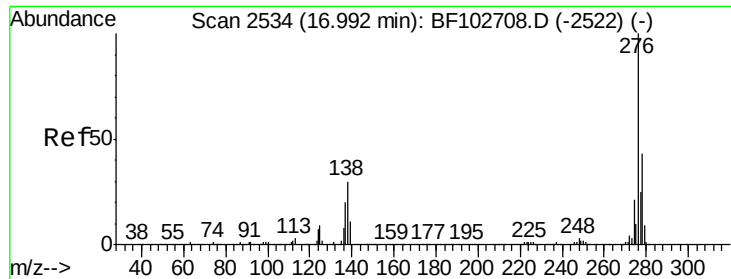
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 54.475 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.1	8.4	12.6





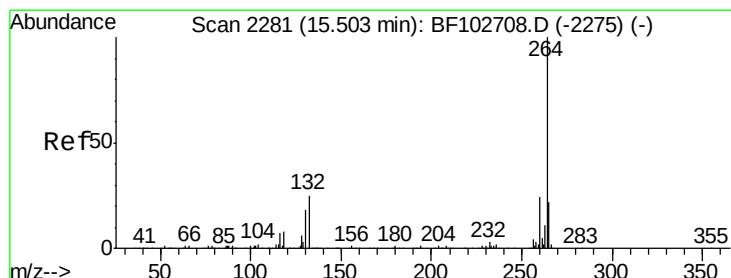
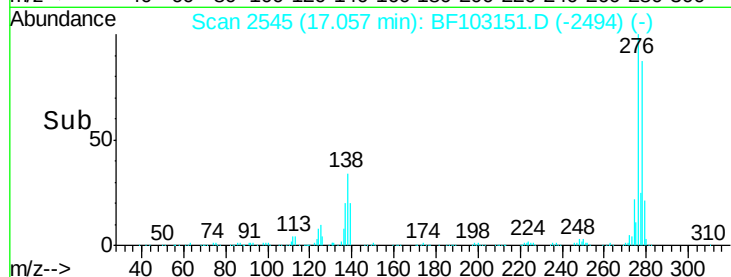
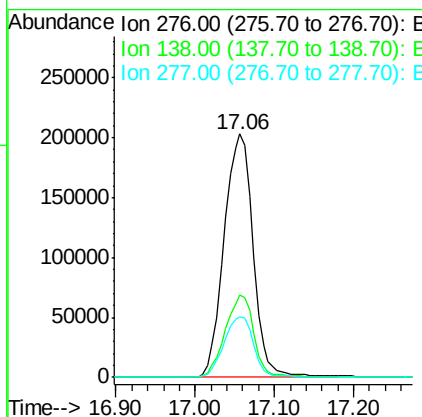
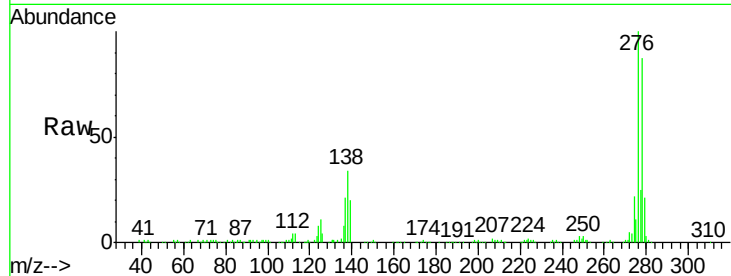
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.092 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampled :
PB106713BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.5	25.0	37.6
277	25.3	20.1	30.1

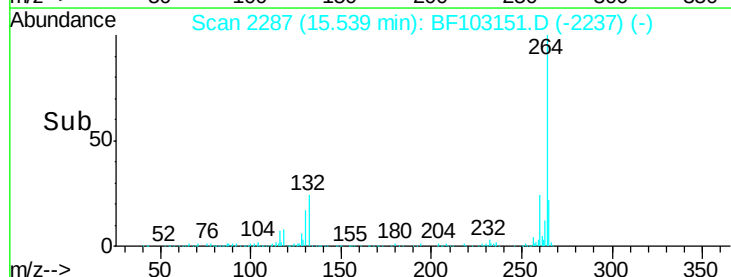
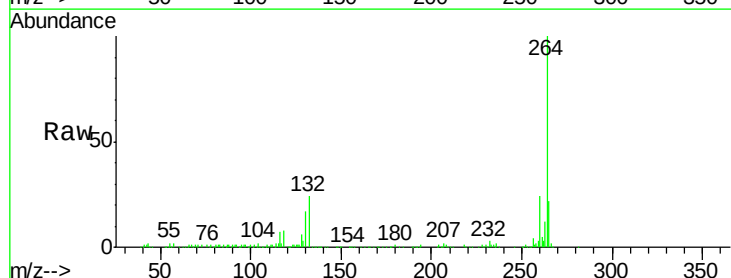
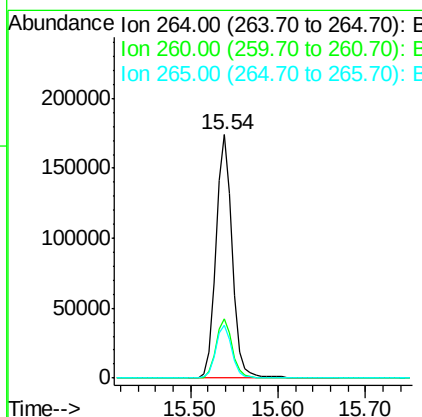
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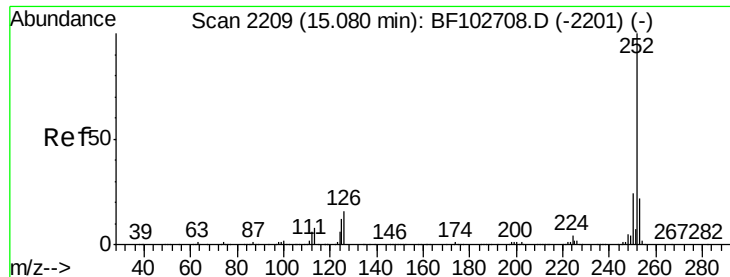
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3





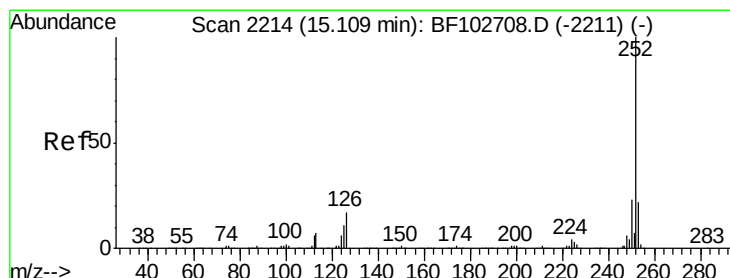
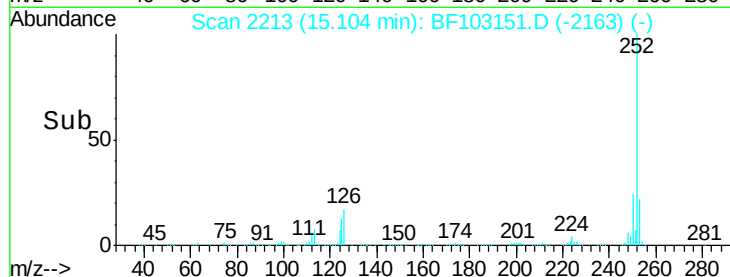
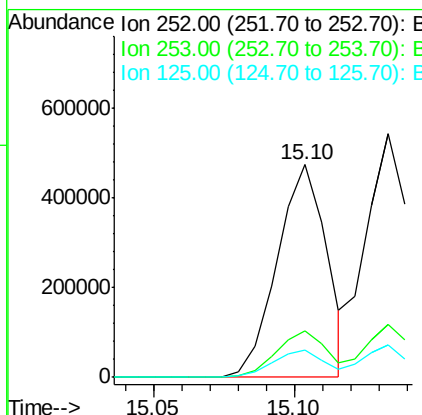
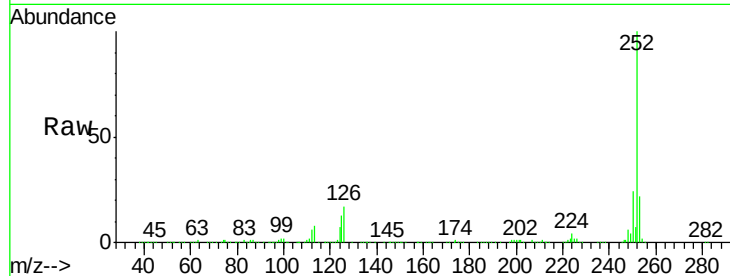
#87
Benzo(b)fluoranthene
Concen: 39.695 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampleId :
PB106713BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.6	9.0	13.6

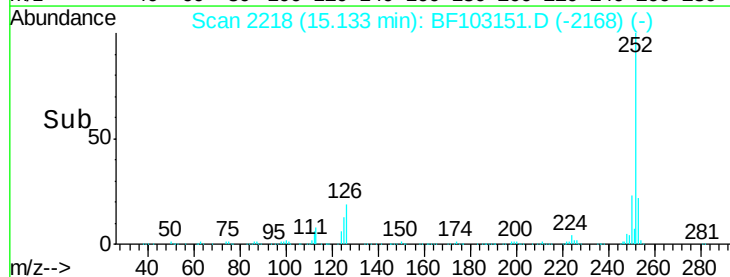
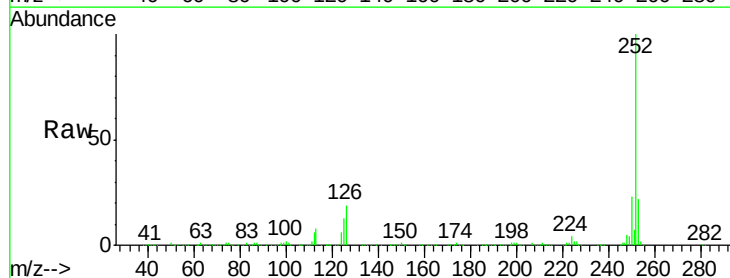
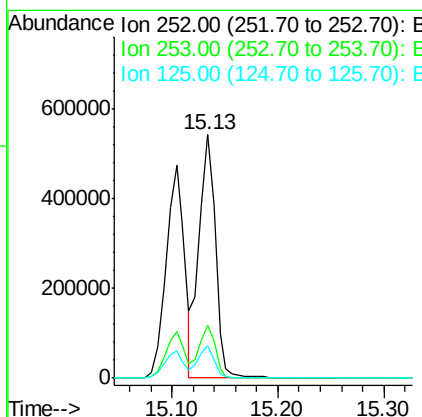
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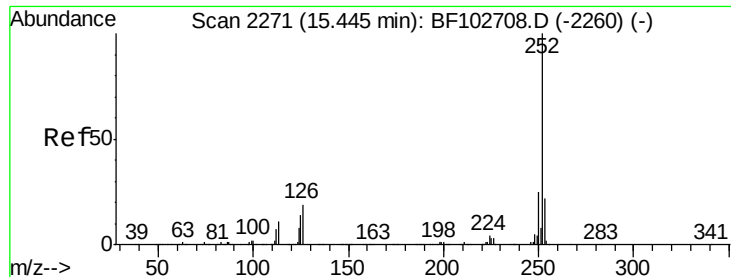
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#88
Benzo(k)fluoranthene
Concen: 41.851 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	13.1	10.2	15.2





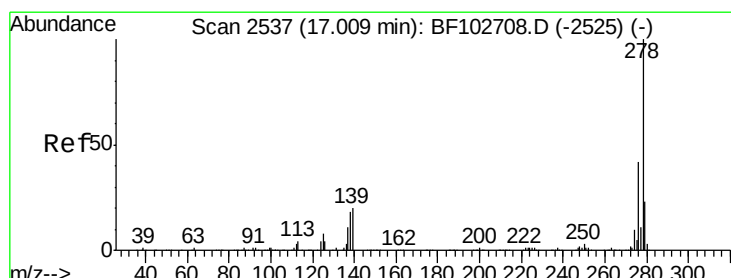
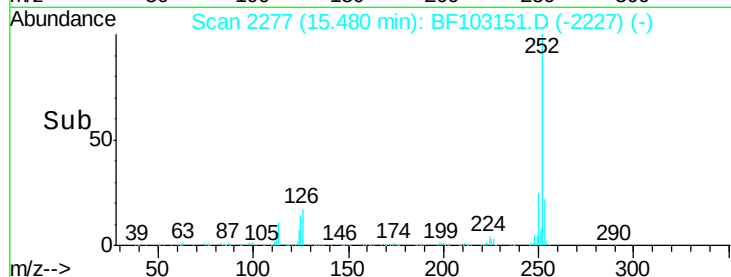
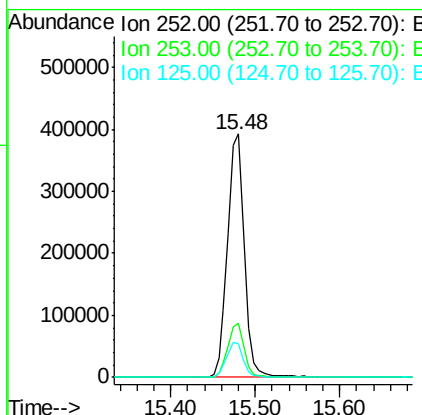
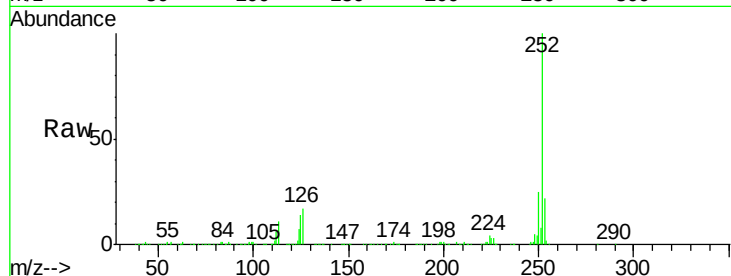
#89
Benzo(a)pyrene
Concen: 41.039 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampled :
PB106713BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	13.7	9.8	14.6

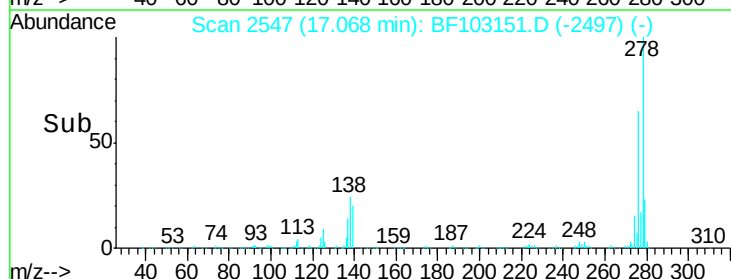
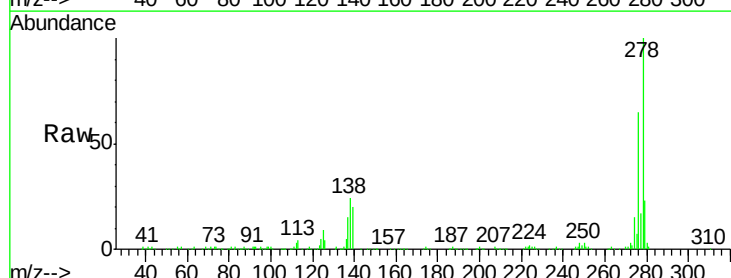
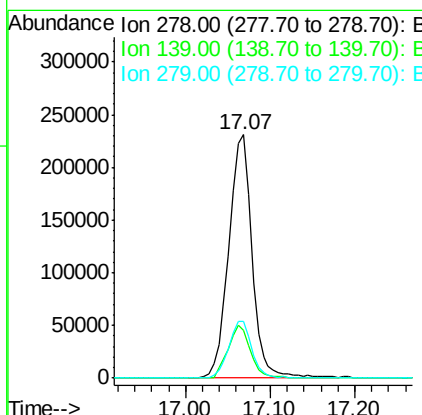
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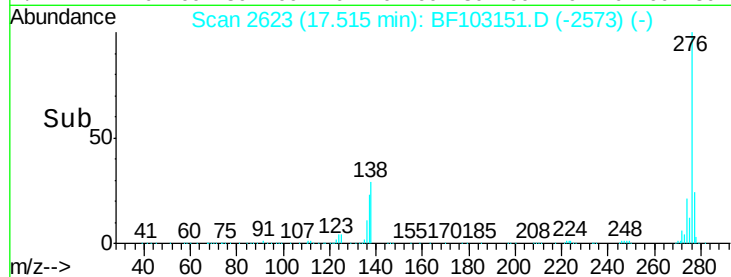
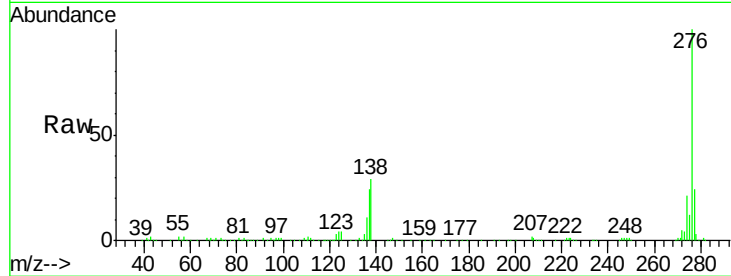
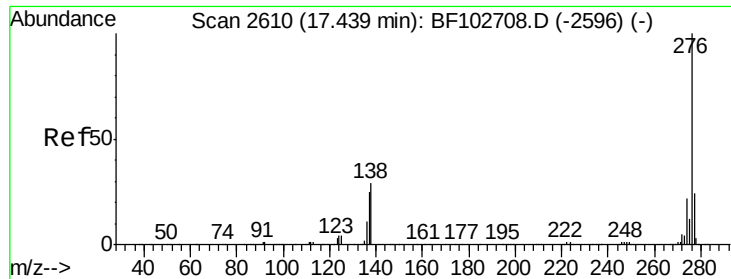
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#90
Dibenzo(a,h)anthracene
Concen: 41.247 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.9	23.9
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.364 ng
 RT: 17.52 min Scan# 2623
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB106713BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	29.1	21.8	32.8

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