

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103313.D
 Acq On : 1 Mar 2018 00:18
 Operator : SJ/JU
 Sample : J1721-03MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-28MS

Manual Integrations
 APPROVED

Sohil
 3/1/2018 11:43:36 AM

Quant Time: Mar 01 01:32:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	148866	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	610533	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	242565	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	348733	20.00	ng	0.00
75) Chrysene-d12	14.06	240	233334	20.00	ng	0.00
86) Perylene-d12	15.56	264	201508	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1109577	112.73	ng	0.01
7) Phenol-d6	6.52	99	1288163	106.95	ng	0.00
23) Nitrobenzene-d5	7.45	82	798137	74.66	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	176887	86.15	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1038410	70.85	ng	0.00
78) Terphenyl-d14	12.99	244	672594	69.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	195670	37.639	ng	91
3) Pyridine	3.48	79	540269	38.928	ng	96
4) n-Nitrosodimethylamine	3.43	42	292734	52.299	ng	# 88
6) Aniline	6.54	93	213661	12.292	ng	# 72
8) 2-Chlorophenol	6.66	128	412017	40.295	ng	91
9) Benzaldehyde	6.43	77	196093	23.848	ng	97
10) Phenol	6.53	94	544906	38.972	ng	90
11) bis(2-Chloroethyl)ether	6.61	93	422632	39.826	ng	91
12) 1,3-Dichlorobenzene	6.82	146	426840	36.529	ng	97
13) 1,4-Dichlorobenzene	6.89	146	433121	36.971	ng	99
14) 1,2-Dichlorobenzene	7.05	146	393388	36.417	ng	99
15) Benzyl Alcohol	7.02	79	356569	39.287	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	658033	36.110	ng	87
17) 2-Methylphenol	7.13	107	337164	36.285	ng	94
18) Hexachloroethane	7.38	117	137151	32.159	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	271518	36.222	ng	97
20) 3+4-Methylphenols	7.29	107	411713	36.348	ng	# 49
22) Acetophenone	7.29	105	532229	37.347	ng	# 92
24) Nitrobenzene	7.46	77	444150	37.734	ng	99
25) Isophorone	7.70	82	805771	38.269	ng	98
26) 2-Nitrophenol	7.77	139	201710	36.402	ng	93
27) 2,4-Dimethylphenol	7.81	122	355660	41.991	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	510239	41.217	ng	99
29) 2,4-Dichlorophenol	8.02	162	318712	39.303	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	308097	35.679	ng	100
31) Naphthalene	8.18	128	1105775	36.994	ng	99
32) Benzoic acid	7.90	122	15253m	8.992	ng	
33) 4-Chloroaniline	8.23	127	110140	8.539	ng	98
34) Hexachlorobutadiene	8.29	225	152017	33.806	ng	99
35) Caprolactam	8.60	113	107934	37.872	ng	90
36) 4-Chloro-3-methylphenol	8.72	107	342356	37.431	ng	99
37) 2-Methylnaphthalene	8.87	142	693285	35.889	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	257547	38.838	ng	99
40) Hexachlorocyclopentadiene	9.02	237	9503	12.496	ng	95

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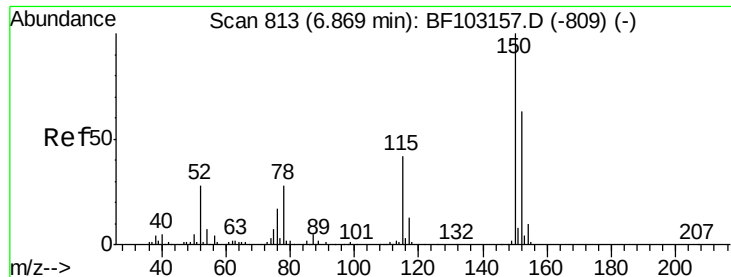
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	180951	40.554	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	186557	36.352	ng	97
45) 1,1'-Biphenyl	9.33	154	770991	37.932	ng	99
46) 2-Chloronaphthalene	9.36	162	597686	37.169	ng	99
47) 2-Nitroaniline	9.46	65	240592	40.392	ng	88
48) Acenaphthylene	9.78	152	890720	36.001	ng	99
49) Dimethylphthalate	9.63	163	856050	43.993	ng	100
50) 2,6-Dinitrotoluene	9.70	165	151202	37.027	ng	95
51) Acenaphthene	9.95	154	521189	36.126	ng	99
52) 3-Nitroaniline	9.87	138	141267	27.267	ng	99
53) 2,4-Dinitrophenol	10.00	184	1474	10.500	ng	# 16
54) Dibenzofuran	10.12	168	752838	38.013	ng	97
55) 4-Nitrophenol	10.05	139	187778	58.480	ng	92
56) 2,4-Dinitrotoluene	10.11	165	177213	34.313	ng	# 88
57) Fluorene	10.47	166	576503	34.172	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	118958	34.506	ng	96
59) Diethylphthalate	10.33	149	681196	36.602	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	257389	35.977	ng	95
61) 4-Nitroaniline	10.49	138	148451	28.688	ng	95
62) Azobenzene	10.62	77	670730	35.406	ng	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	5480	7.262	ng	91
65) n-Nitrosodiphenylamine	10.57	169	504768	41.571	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	141493	38.949	ng	96
67) Hexachlorobenzene	11.02	284	136722	34.675	ng	99
68) Atrazine	11.10	200	147161	40.322	ng	97
69) Pentachlorophenol	11.22	266	106194	55.701	ng	98
70) Phenanthrene	11.43	178	882086	45.961	ng	98
71) Anthracene	11.49	178	752553	38.239	ng	100
72) Carbazole	11.64	167	710476	36.252	ng	99
73) Di-n-butylphthalate	11.96	149	957176	39.032	ng	98
74) Fluoranthene	12.63	202	868157	45.016	ng	99
76) Benzidine	12.74	184	296614	34.003	ng	98
77) Pyrene	12.86	202	868435	47.737	ng	100
79) Butylbenzylphthalate	13.46	149	354304	36.862	ng	91
80) Benzo(a)anthracene	14.05	228	711302	46.983	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	161762	29.939	ng	99
82) Chrysene	14.09	228	640000	43.537	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1769331	136.411	ng	100
84) Di-n-octyl phthalate	14.63	149	832994	39.749	ng	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	431716	37.096	ng	97
87) Benzo(b)fluoranthene	15.12	252	639635	48.278	ng	97
88) Benzo(k)fluoranthene	15.15	252	519134	41.611	ng	99
89) Benzo(a)pyrene	15.50	252	536396	45.337	ng	# 96
90) Dibenzo(a,h)anthracene	17.10	278	330816	36.185	ng	97
91) Benzo(g,h,i)perylene	17.55	276	359206	40.202	ng	96

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



#1

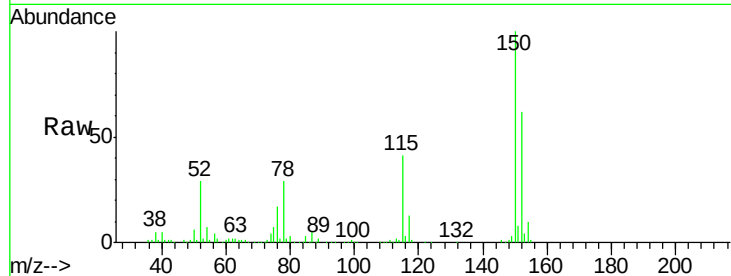
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampleId :
SP-28MS

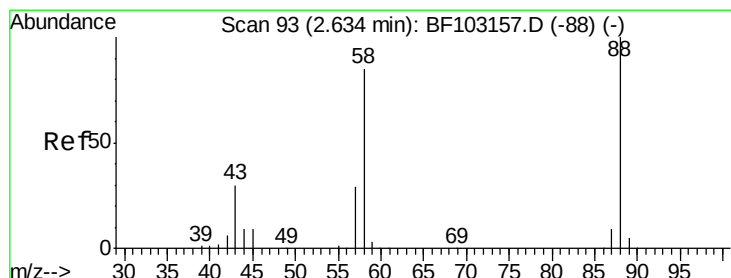
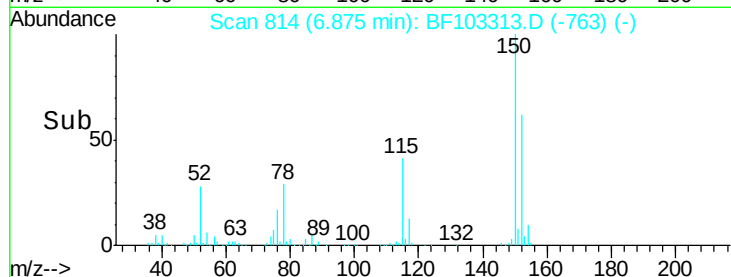
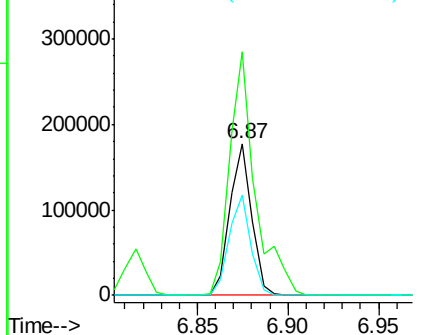
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	65.6	50.1	75.1

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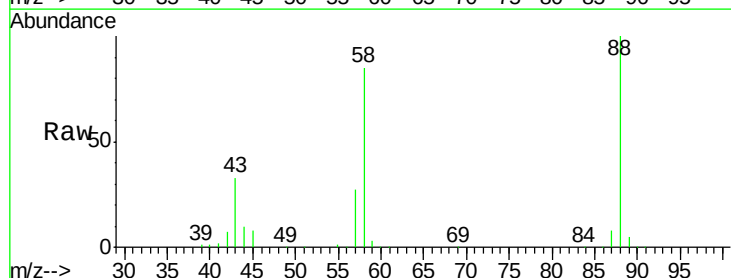
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



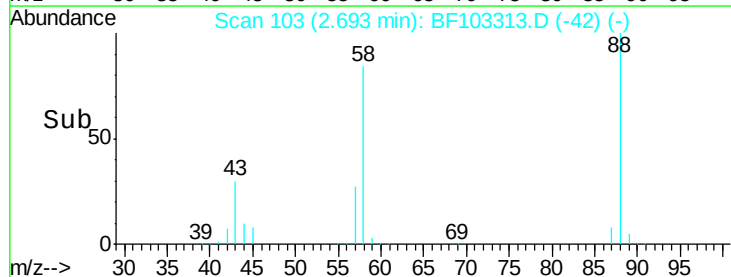
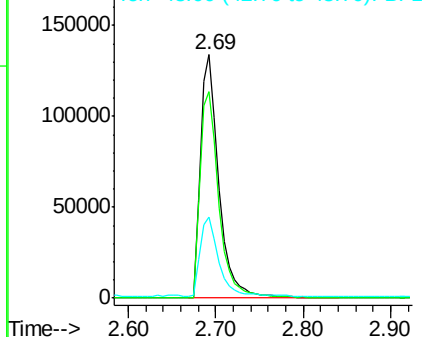
#2

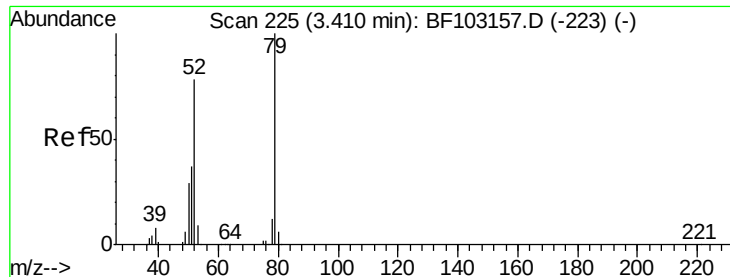
1,4-Dioxane
Concen: 37.639 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.06 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	62.6	93.8
43	33.0	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





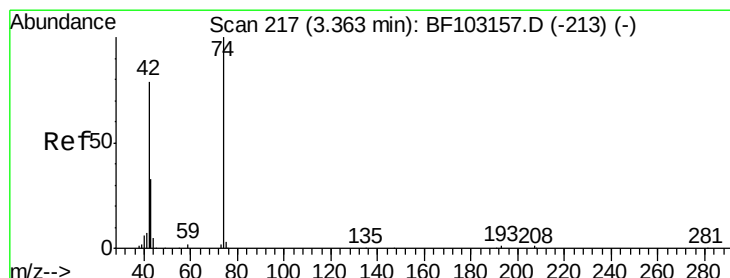
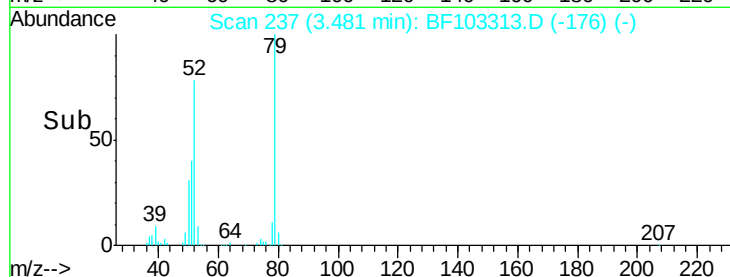
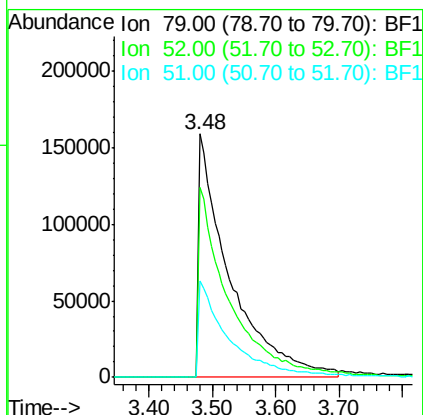
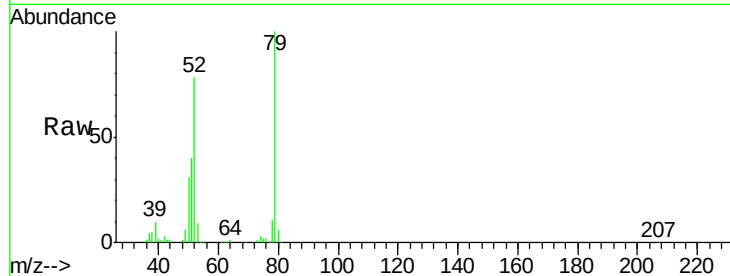
#3
 Pvridine
 Concen: 38.928 ng
 RT: 3.48 min Scan# 237
 Delta R.T. 0.06 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 SP-28MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.2	59.8	89.6
51	39.6	29.8	44.8

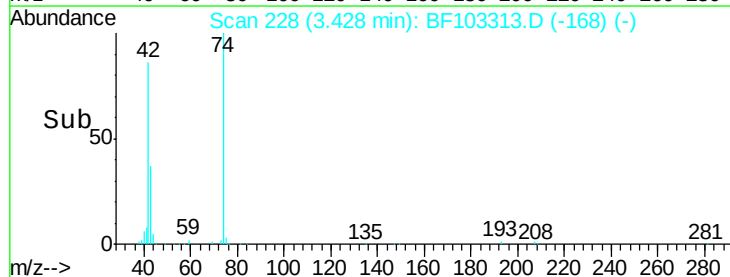
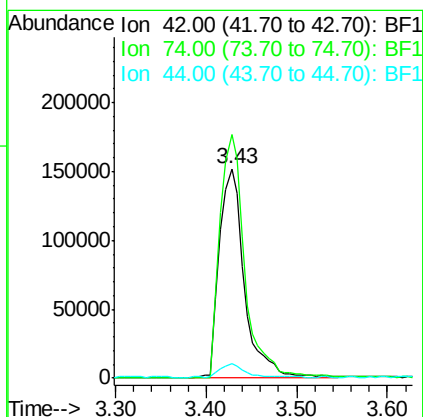
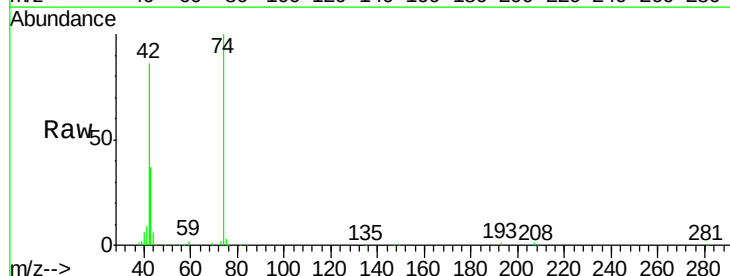
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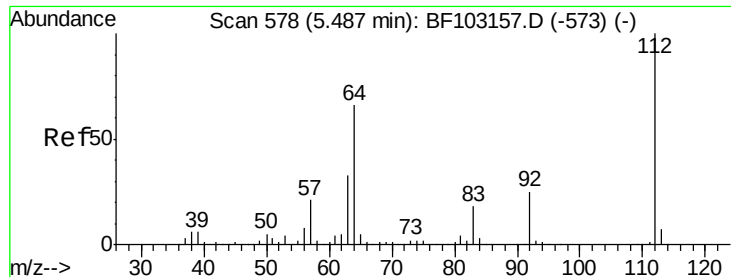
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#4
 n-Nitrosodimethylamine
 Concen: 52.299 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.05 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	116.3	104.9	157.3
44	6.7	6.9	10.3#





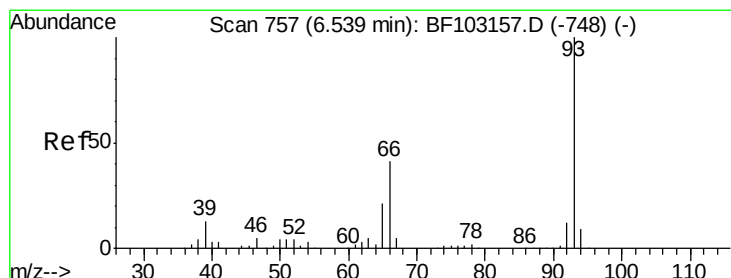
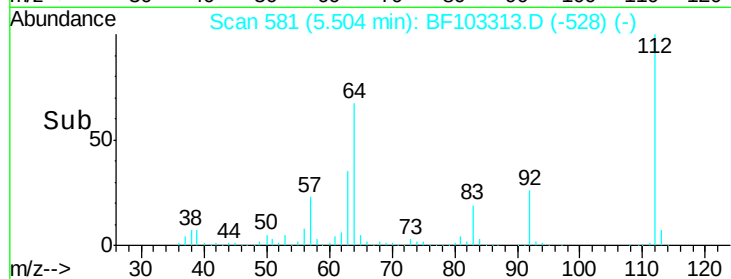
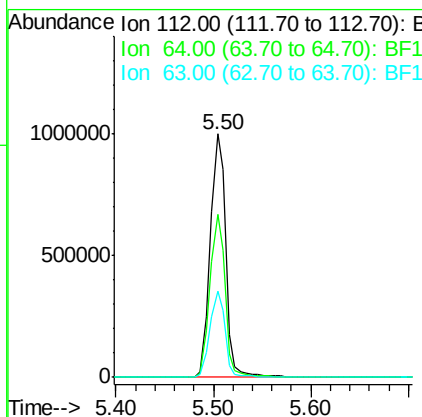
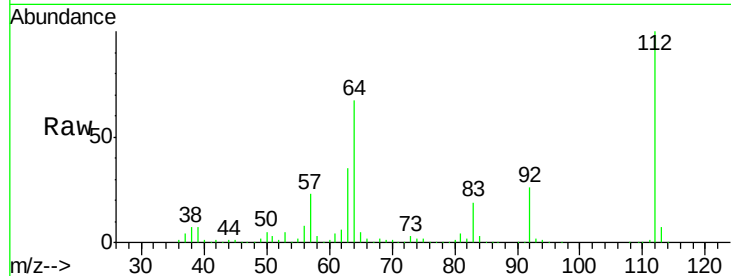
#5
2-Fluorophenol
Concen: 112.729 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampleId :
SP-28MS

Tot Ion: 112 Resp: 1109577
Ion Ratio Lower Upper
112 100
64 67.0 47.9 71.9
63 35.3 23.7 35.5

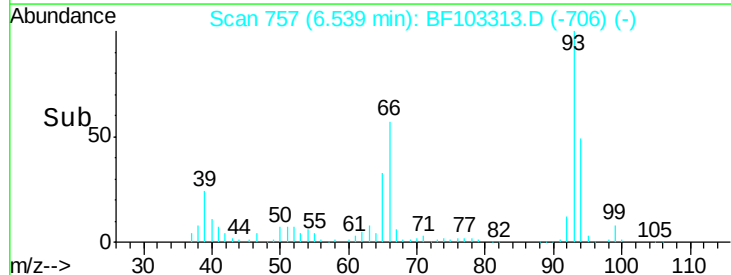
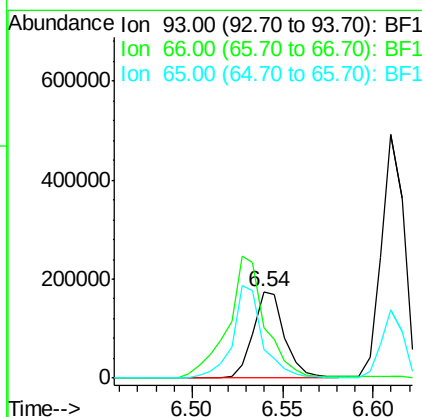
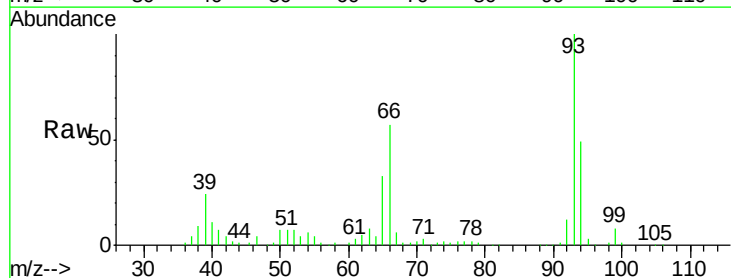
Manual Integrations
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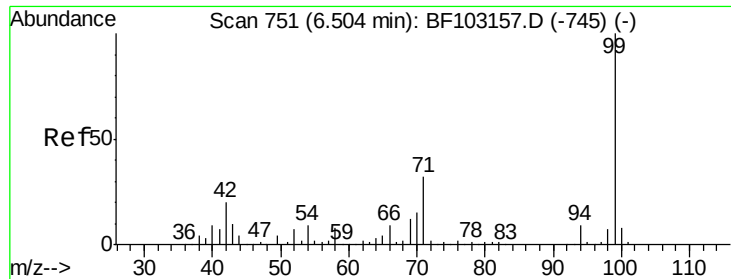
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#6
Aniline
Concen: 12.292 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion: 93 Resp: 213661
Ion Ratio Lower Upper
93 100
66 57.5 32.2 48.2#
65 33.4 16.4 24.6#





#7

Phenol-d6

Concen: 106.953 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampled :

SP-28MS

Tot Ion: 99 Resp: 1288163

Ion Ratio Lower Upper

99 100

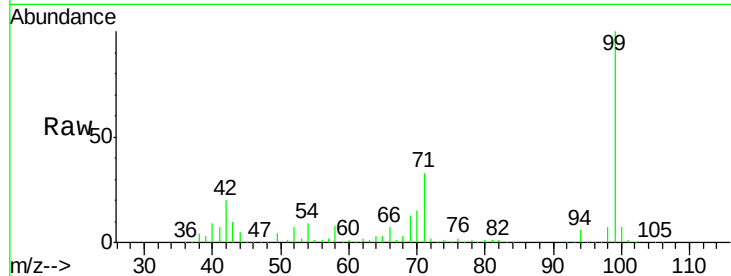
42 20.3 14.5 21.7

71 33.2 25.4 38.0

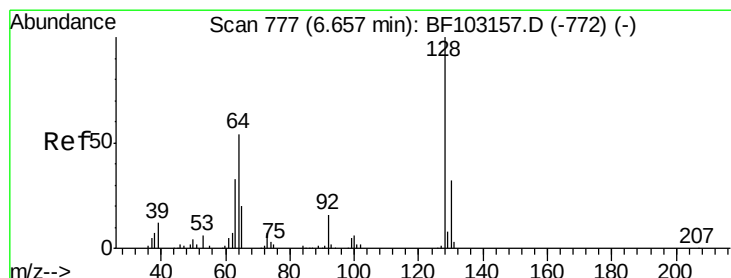
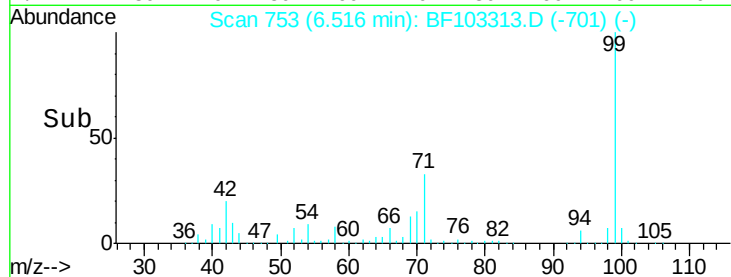
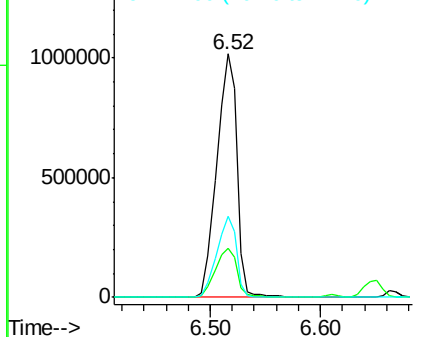
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.295 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

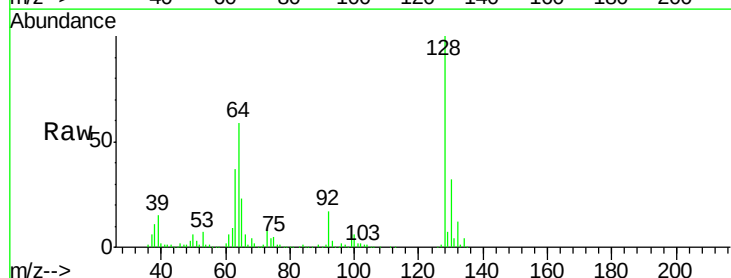
Tgt Ion: 128 Resp: 412017

Ion Ratio Lower Upper

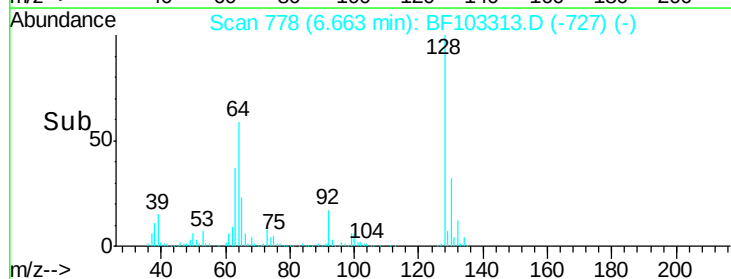
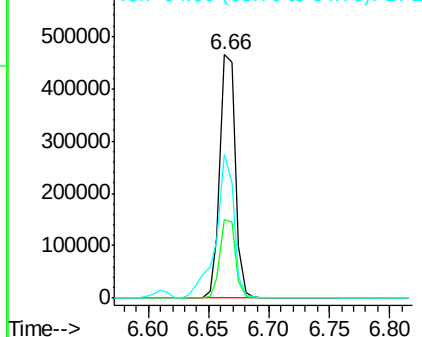
128 100

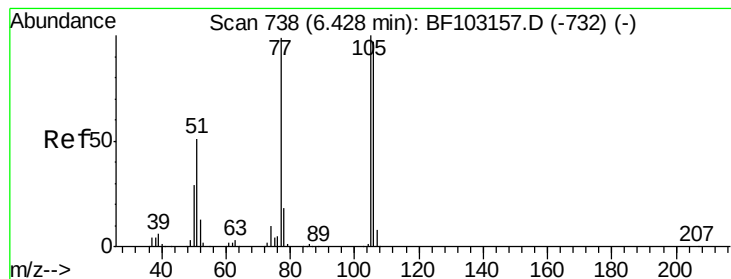
130 32.2 13.0 53.0

64 59.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 23.848 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

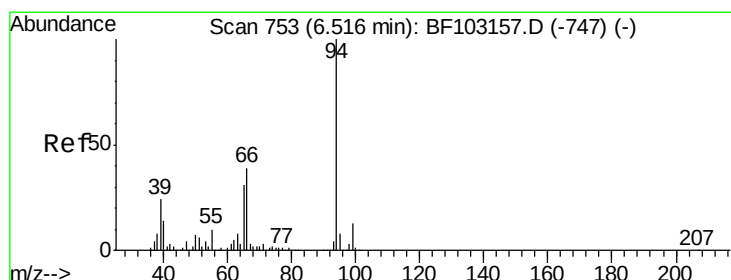
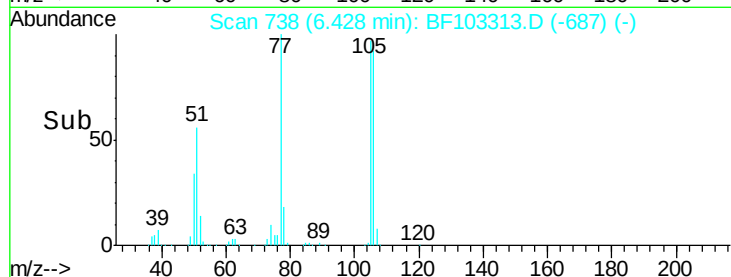
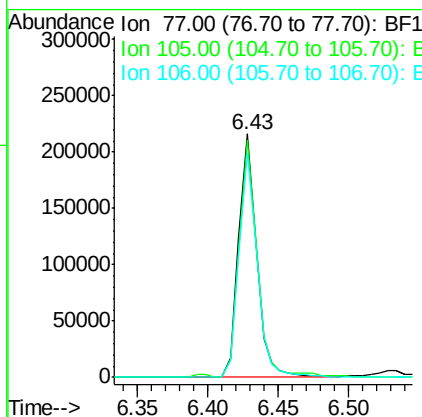
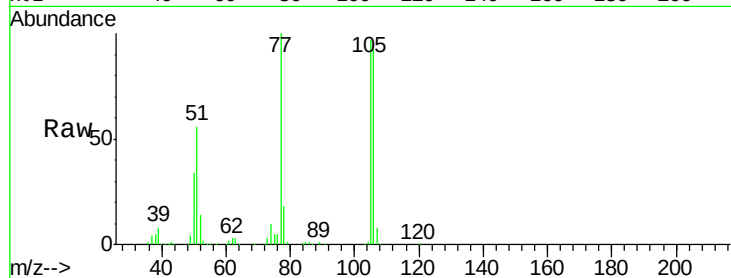
ClientSampleId :

SP-28MS

Tot Ion:	77	Resp:	196093
Ion	Ratio	Lower	Upper
77	100		
105	97.2	81.1	121.1
106	92.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 38.972 ng

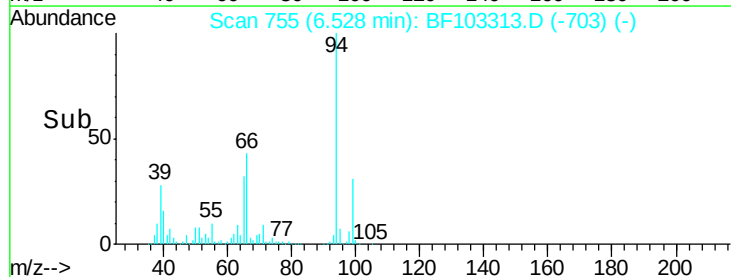
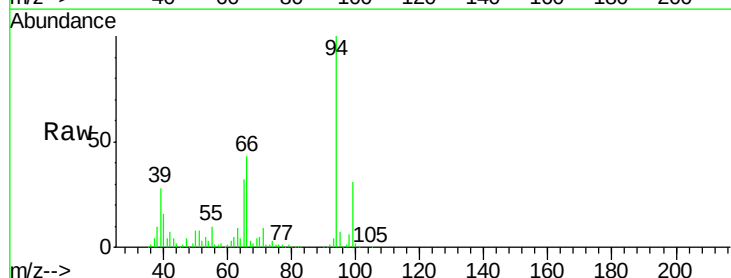
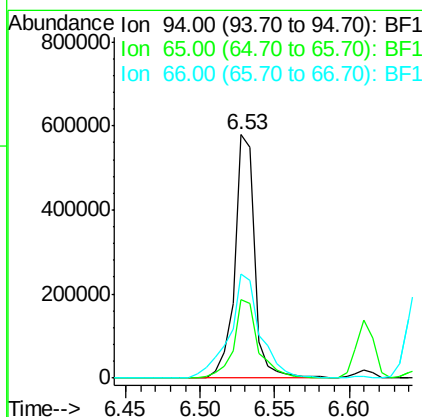
RT: 6.53 min Scan# 755

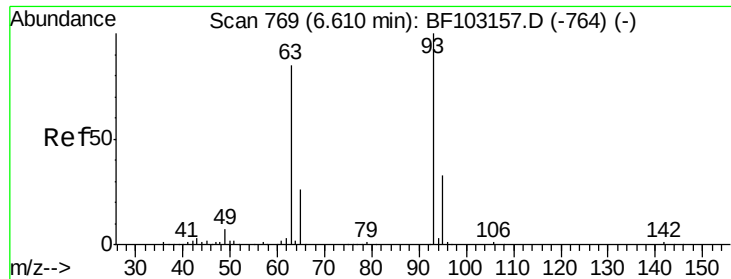
Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Tgt Ion:	94	Resp:	544906
Ion	Ratio	Lower	Upper
94	100		
65	32.5	7.9	47.9
66	42.6	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.826 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

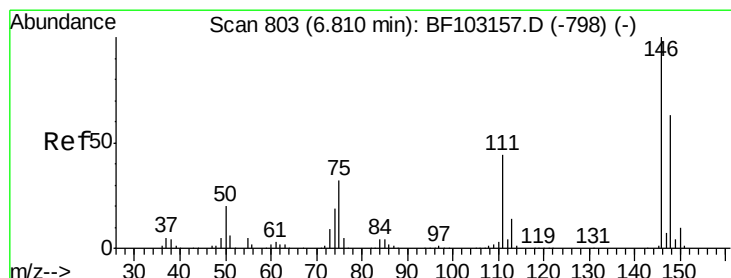
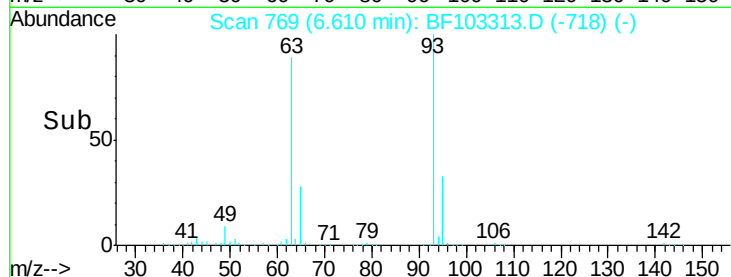
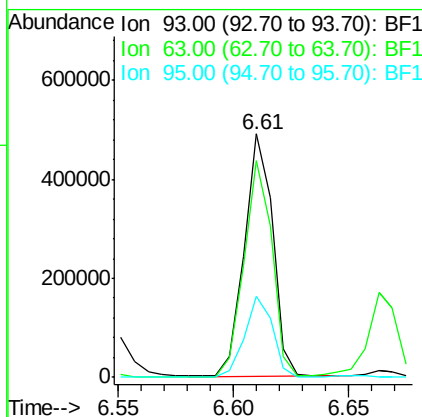
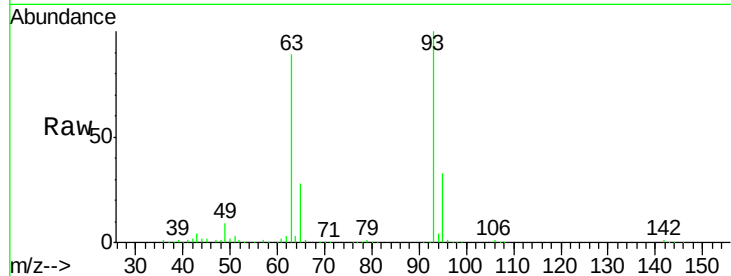
ClientSampleId :

SP-28MS

Tot Ion:	93	Resp:	422632
Ion	Ratio	Lower	Upper
93	100		
63	88.8	58.6	98.6
95	33.3	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 36.529 ng

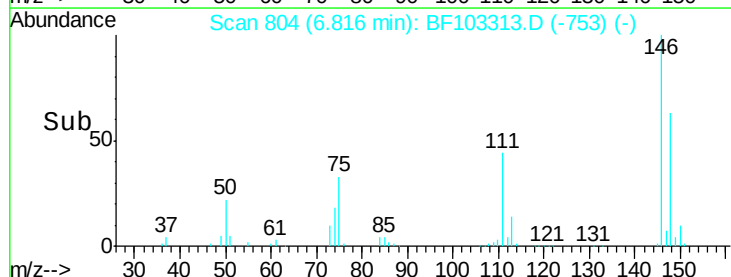
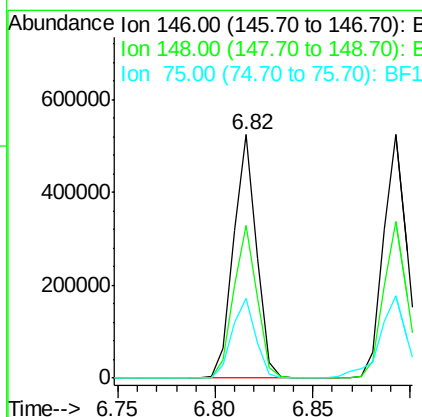
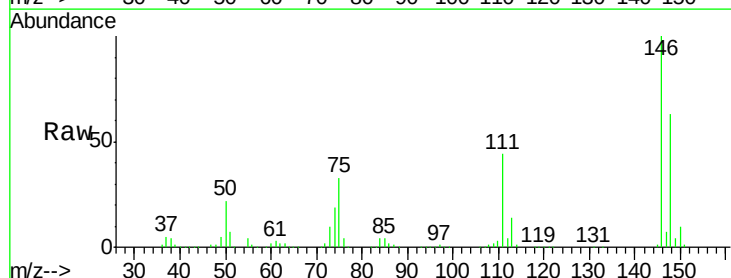
RT: 6.82 min Scan# 804

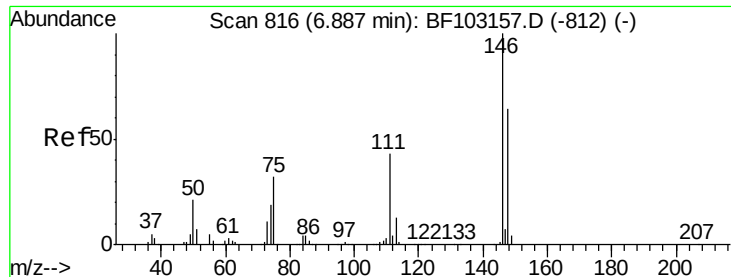
Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Tgt Ion:	146	Resp:	426840
Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.8	77.8
75	32.8	24.2	36.4





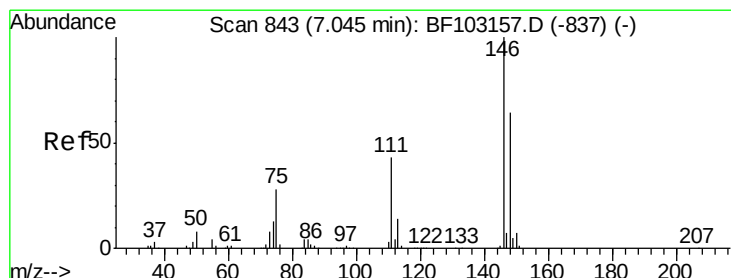
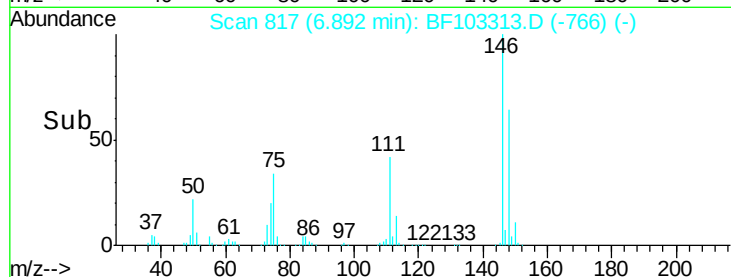
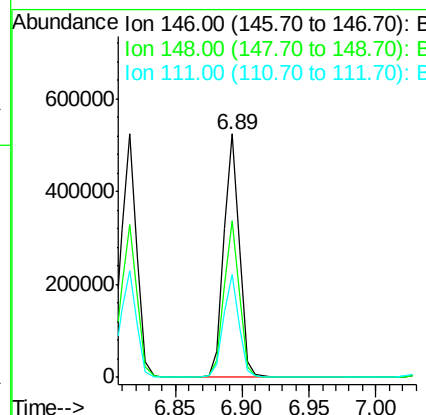
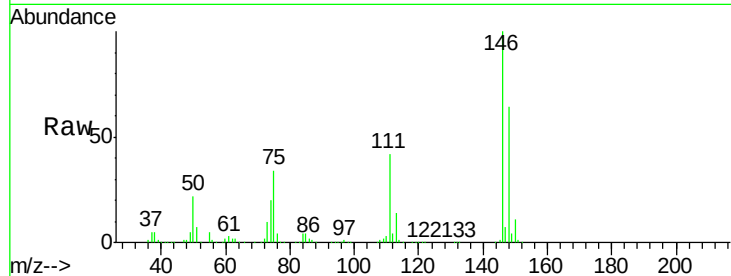
#13
 1,4-Dichlorobenzene
 Concen: 36.971 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Instrument :
 BNA_F
 ClientSampled :
 SP-28MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	42.5	34.2	51.2

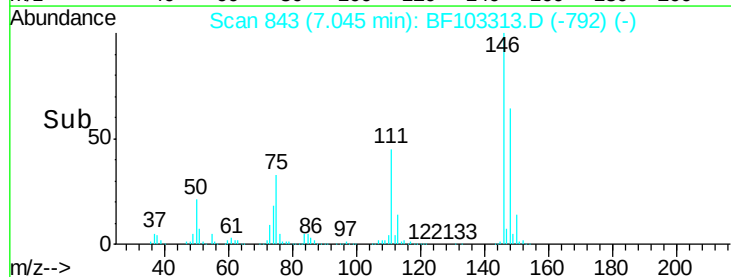
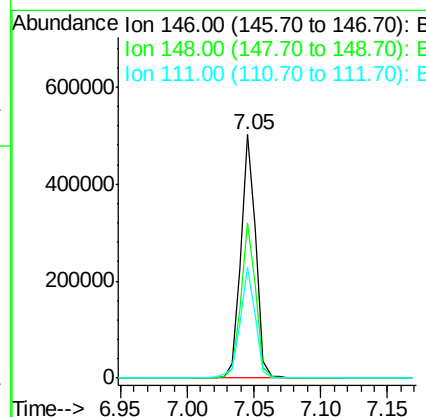
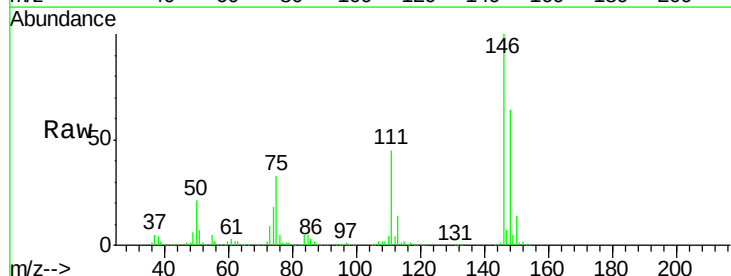
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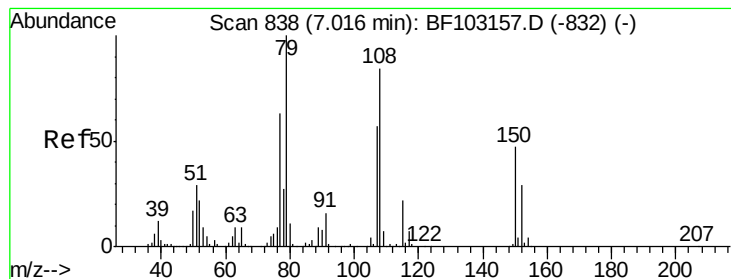
Sohil
 3/1/2018 11:43:36 AM



#14
 1,2-Dichlorobenzene
 Concen: 36.417 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	45.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.287 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

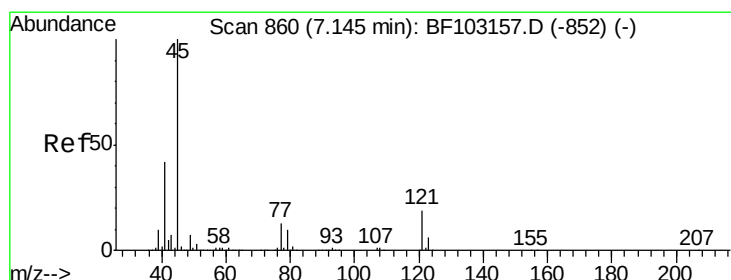
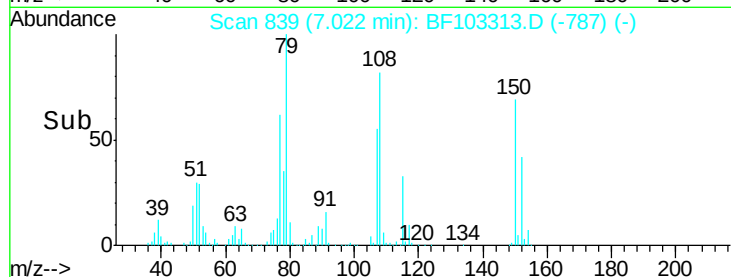
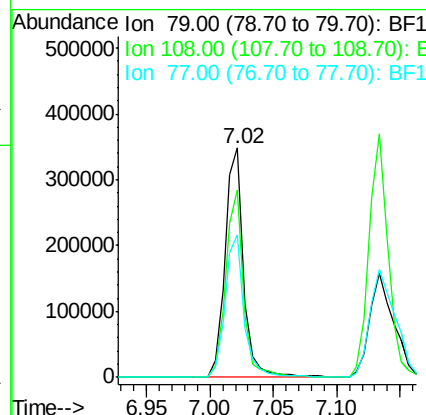
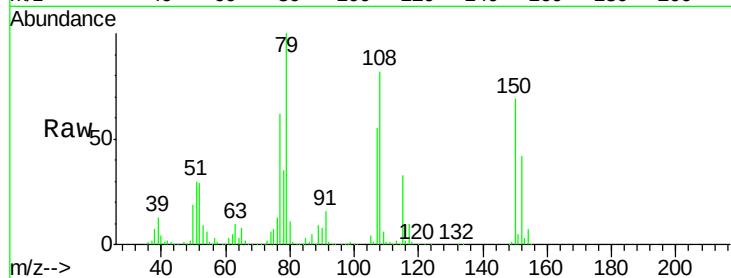
ClientSampled :

SP-28MS

Tot Ion:	79	Resp:	356569
Ion Ratio	Lower	Upper	
79	100		
108	81.7	65.1	97.7
77	62.0	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.110 ng

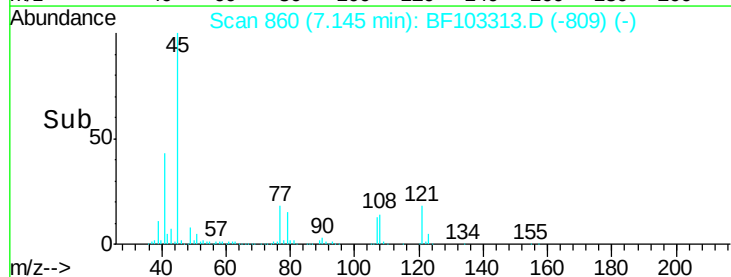
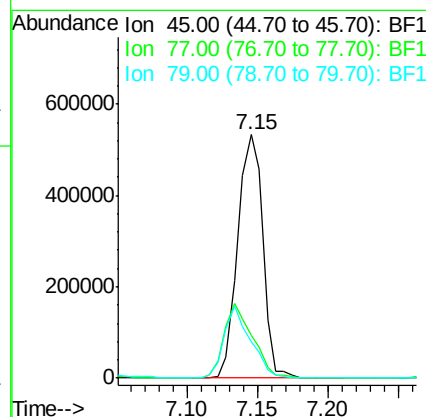
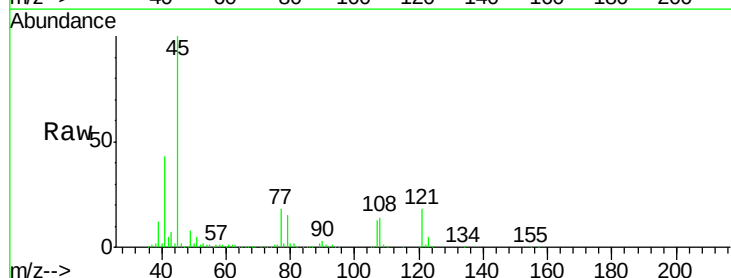
RT: 7.15 min Scan# 860

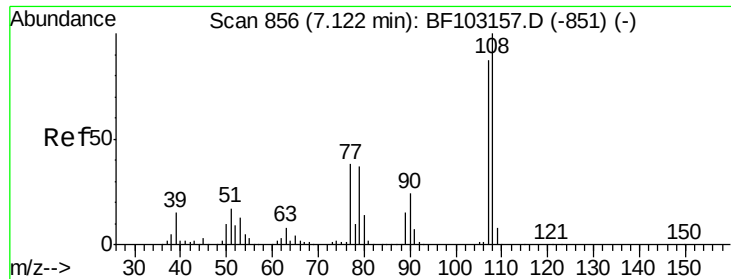
Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Tgt Ion:	45	Resp:	658033
Ion Ratio	Lower	Upper	
45	100		
77	17.6	0.0	32.9
79	14.7	0.0	29.6





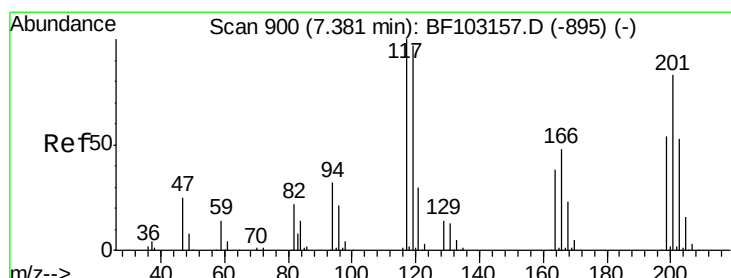
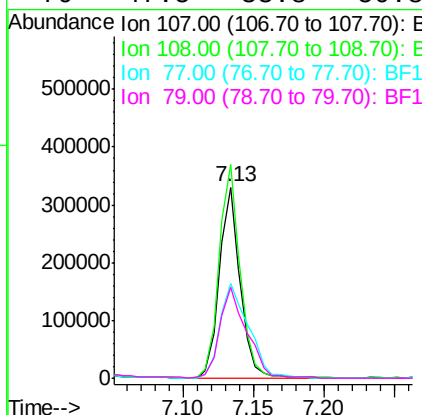
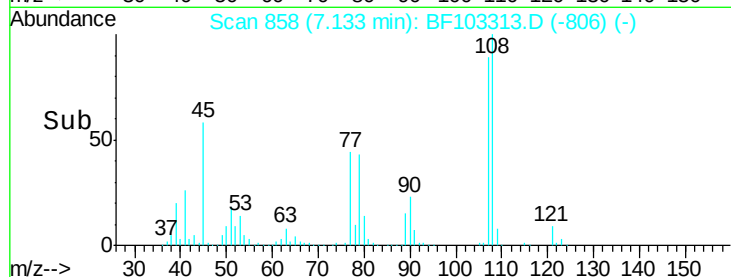
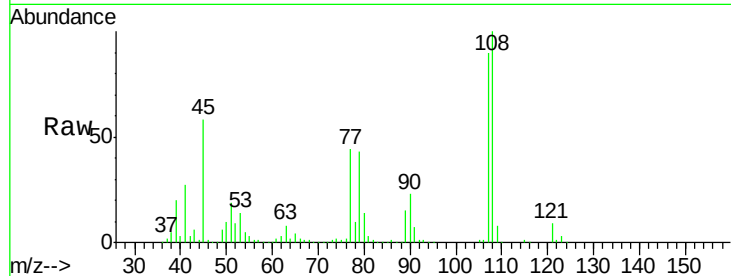
#17
2-Methylphenol
Concen: 36.285 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampled :
SP-28MS

Tot Ion:	107	Resp:	337164
Ion Ratio	Lower	Upper	
107	100		
108	111.7	91.7	137.5
77	49.6	33.8	50.8
79	47.5	33.8	50.8

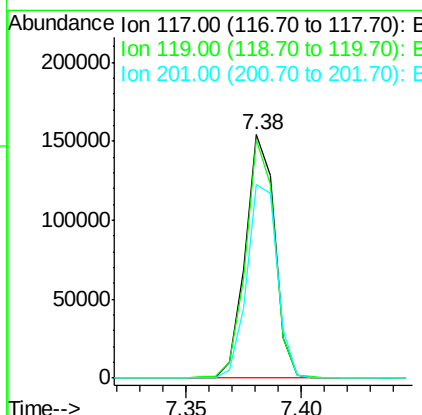
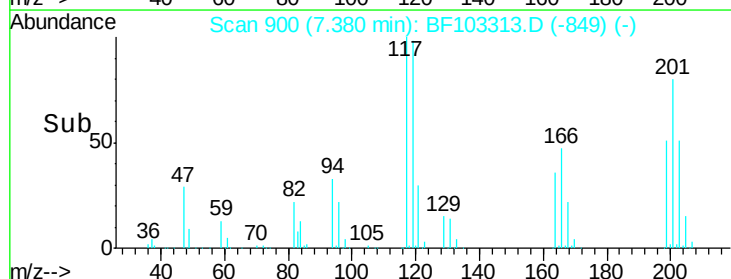
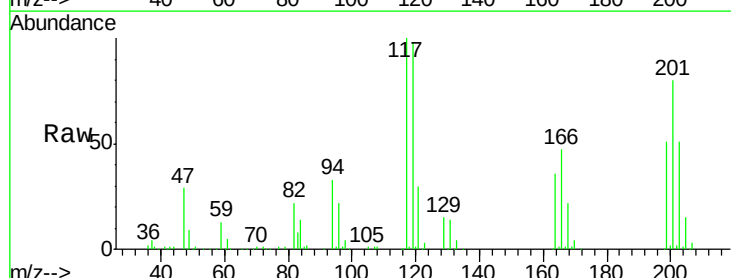
Manual Integrations
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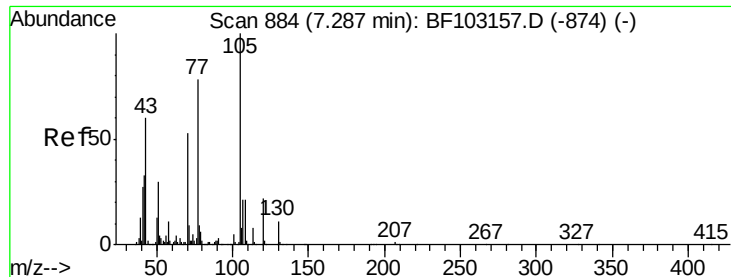
Sohil
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#18
Hexachloroethane
Concen: 32.159 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion:	117	Resp:	137151
Ion Ratio	Lower	Upper	
117	100		
119	97.8	75.8	113.8
201	79.6	75.7	113.5





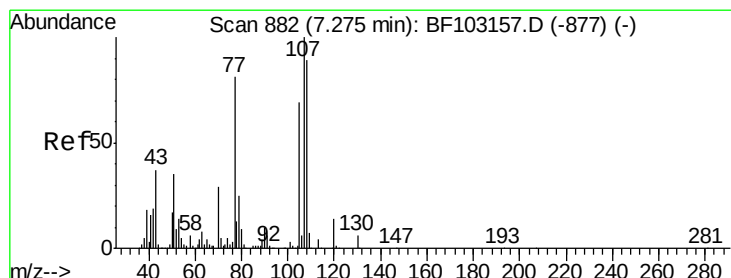
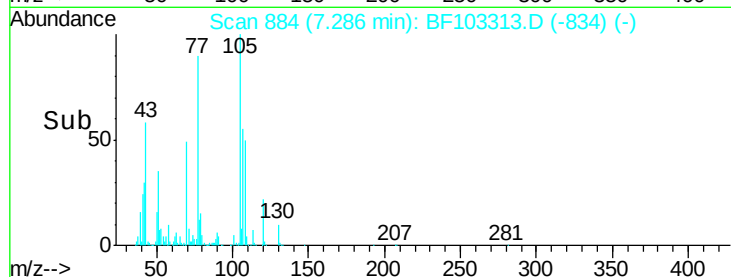
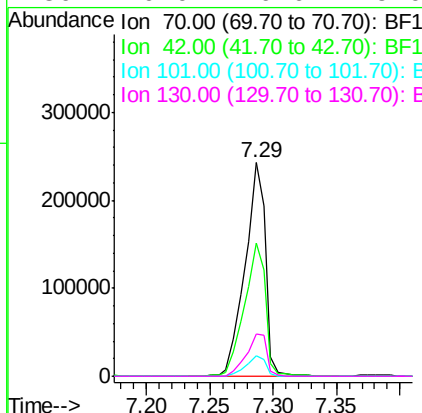
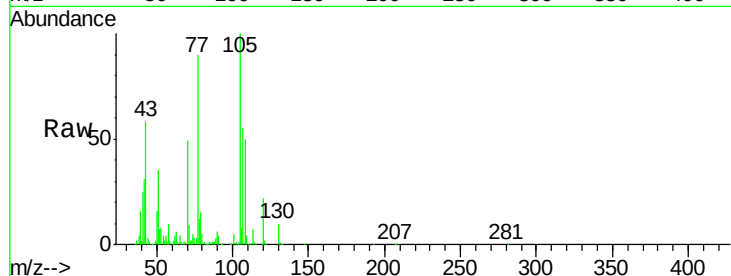
#19
n-Nitroso-di-n-propylamine
Concen: 36.222 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampleId :
SP-28MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.5	47.5	71.3
101	9.5	7.4	11.2
130	20.0	16.6	25.0

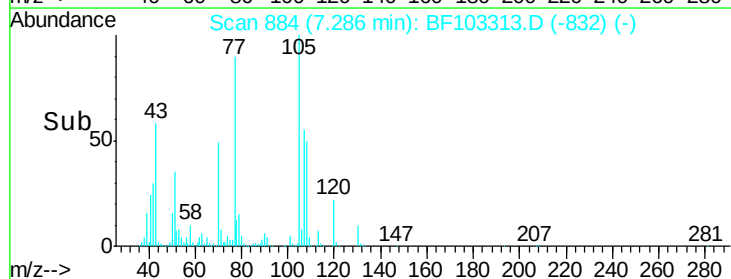
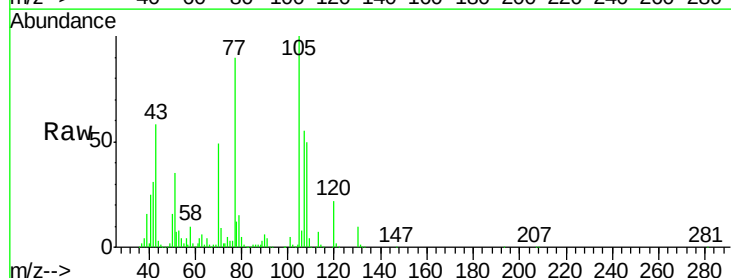
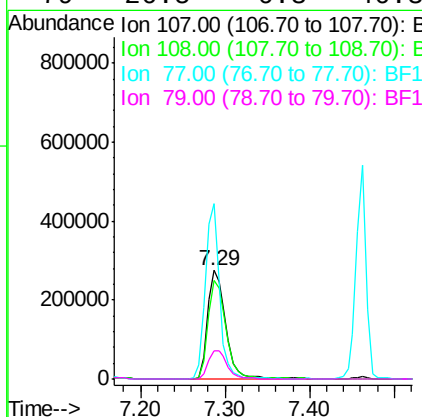
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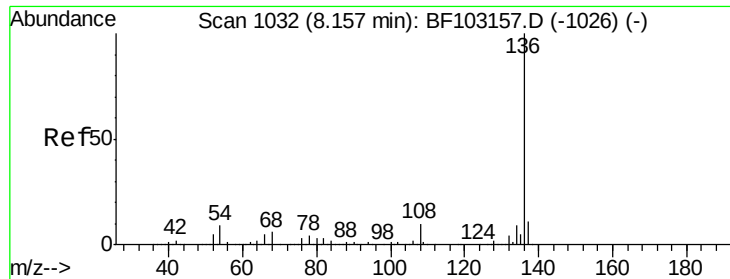
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#20
3+4-Methylphenols
Concen: 36.348 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.2	108.2
77	161.8	26.7	66.7#
79	26.5	6.3	46.3





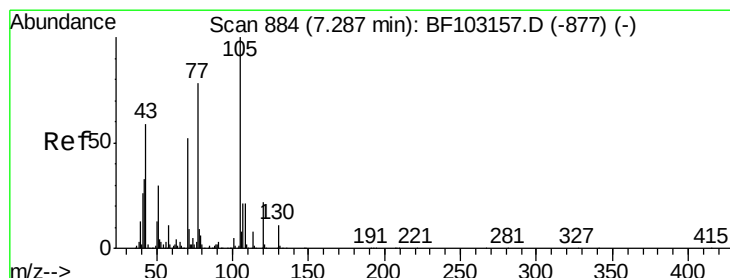
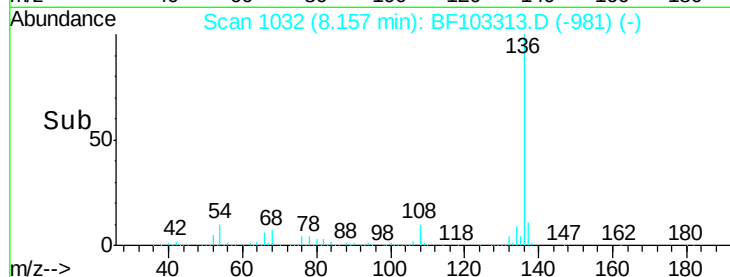
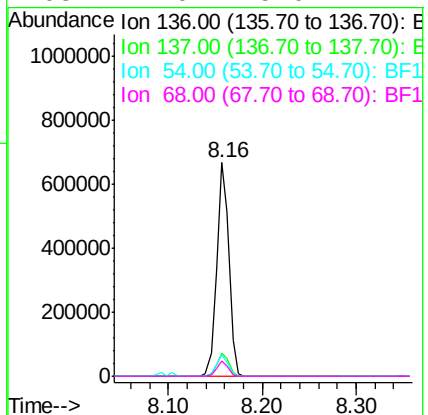
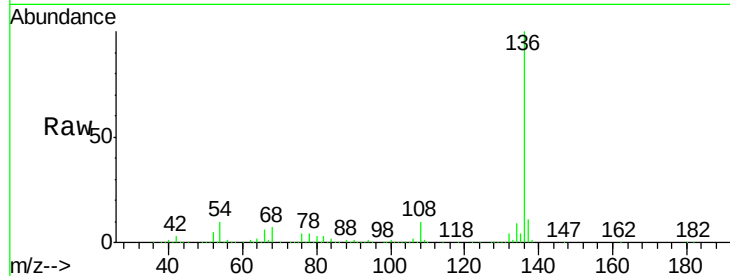
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampled :
SP-28MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		610533		
137	11.1	8.9	13.3		
54	10.0	6.6	9.8#		
68	7.0	5.0	7.4		

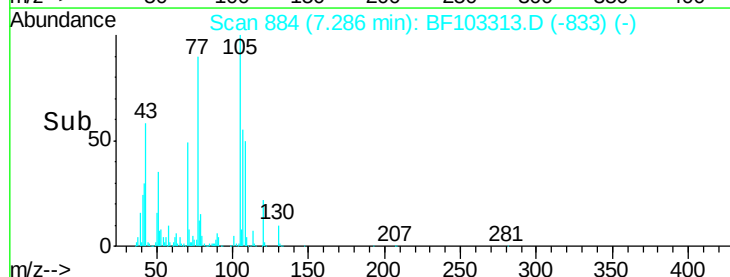
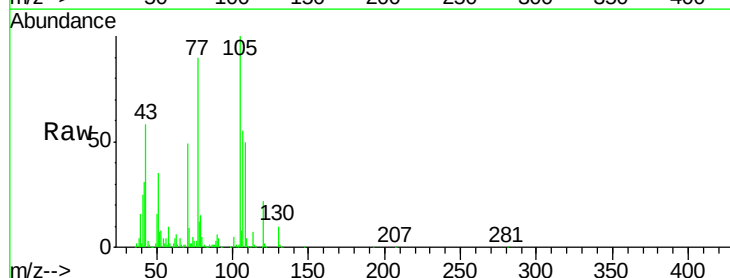
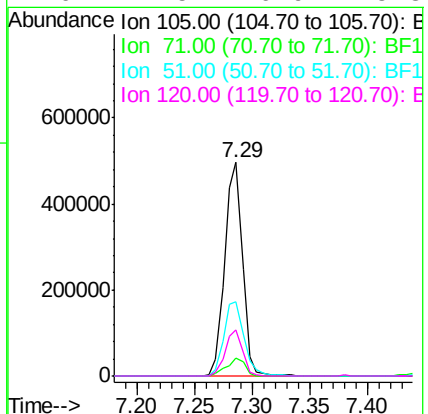
Manual Integrations
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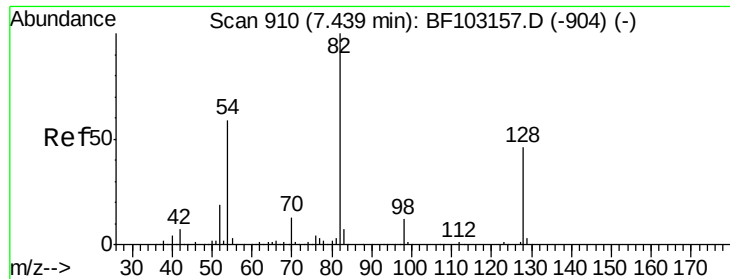
Sohil
3/1/2018 11:43:36 AM



#22
Acetophenone
Concen: 37.347 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		532229		
71	8.5	4.4	6.6#		
51	35.0	22.3	33.5#		
120	21.5	16.9	25.3		





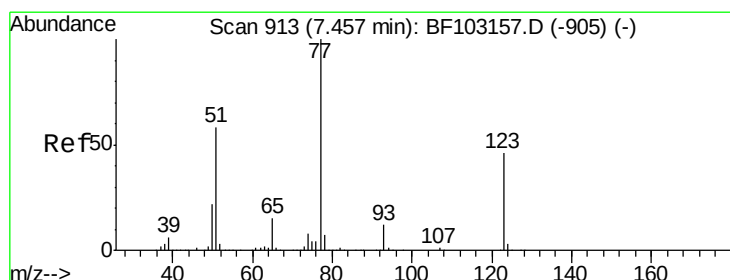
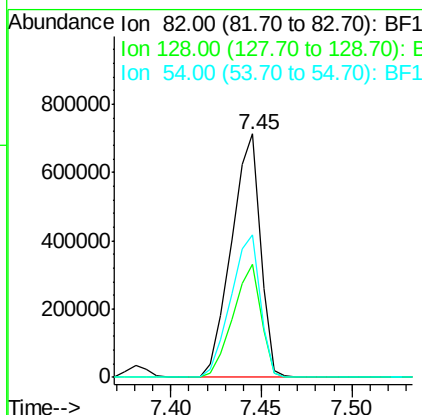
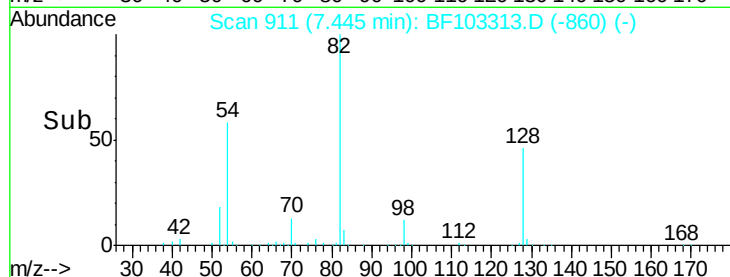
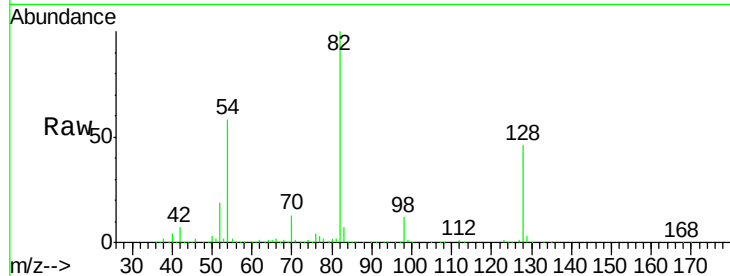
#23
Nitrobenzene-d5
Concen: 74.657 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampled :
SP-28MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	58.5	41.4	62.2

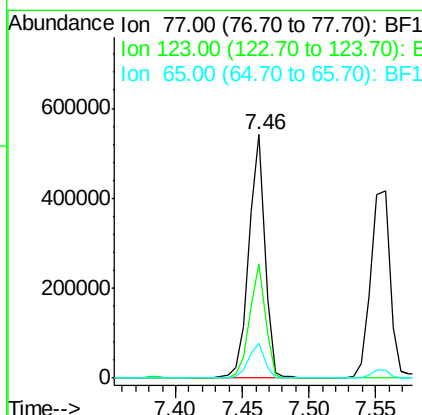
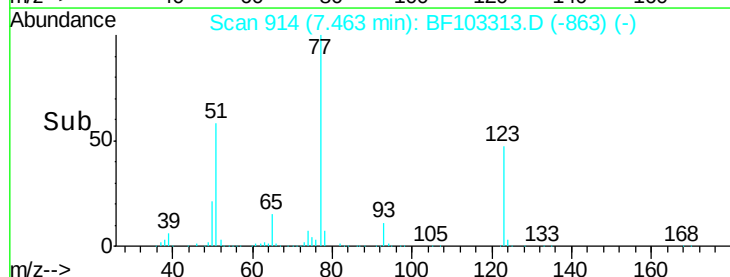
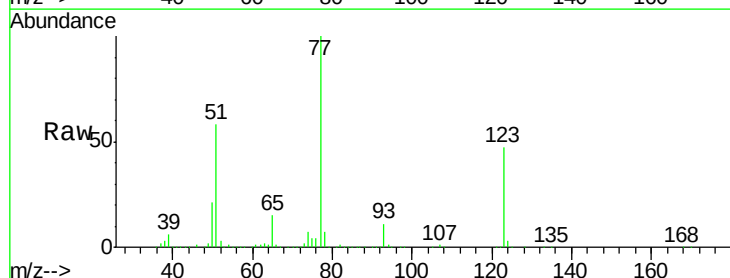
Manual Integrations
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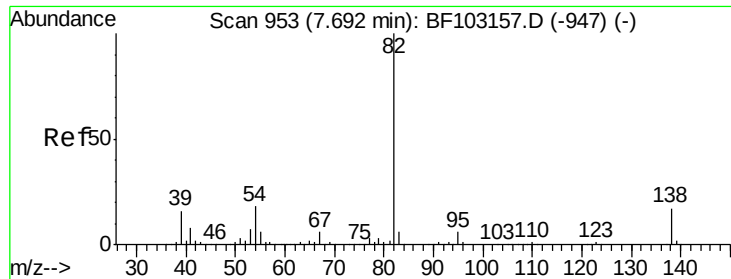
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#24
Nitrobenzene
Concen: 37.734 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.9	56.9
65	14.6	11.0	16.4





#25

Isophorone

Concen: 38.269 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

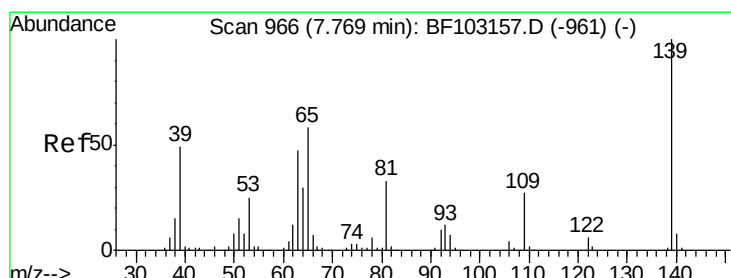
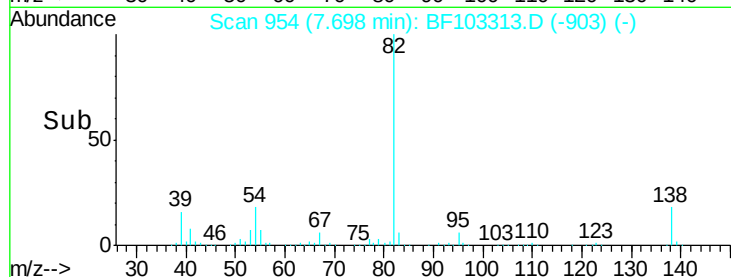
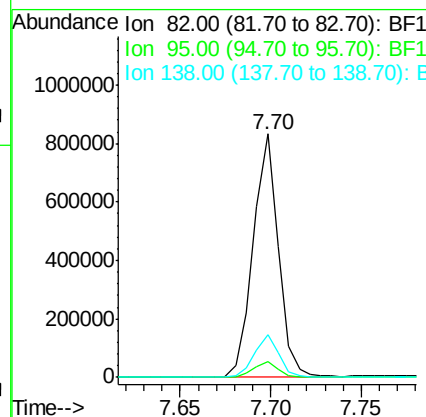
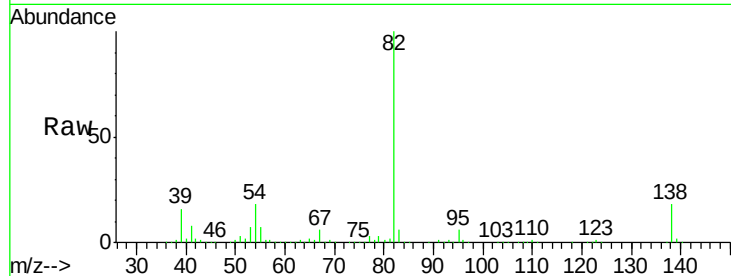
ClientSampleId :

SP-28MS

Tot Ion:	82	Resp:	805771
Ion Ratio		Lower	Upper
82	100		
95	6.3	5.2	7.8
138	17.5	14.9	22.3

Manual Integrations
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Sohil
3/1/2018 11:43:36 AM



#26

2-Nitrophenol

Concen: 36.402 ng

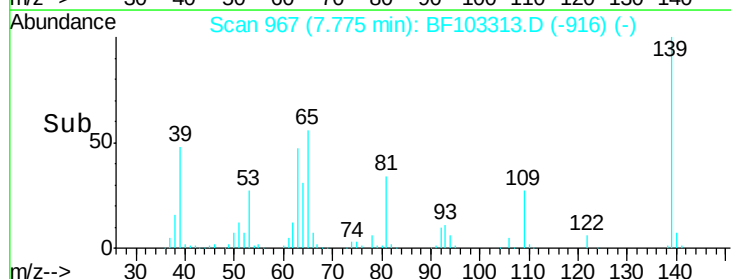
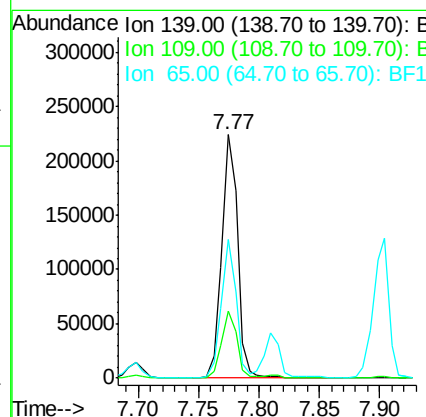
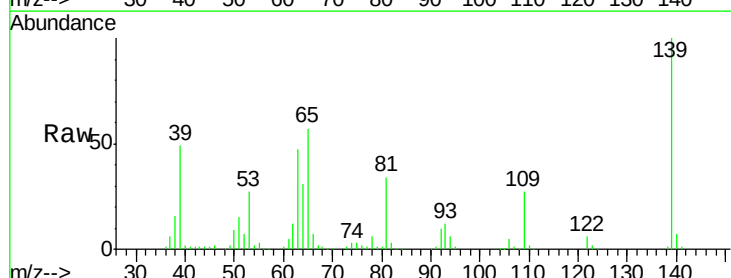
RT: 7.77 min Scan# 967

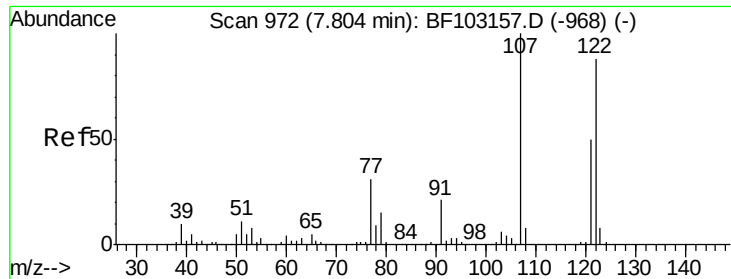
Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Tgt Ion:	139	Resp:	201710
Ion Ratio		Lower	Upper
139	100		
109	27.3	22.7	34.1
65	57.2	40.5	60.7





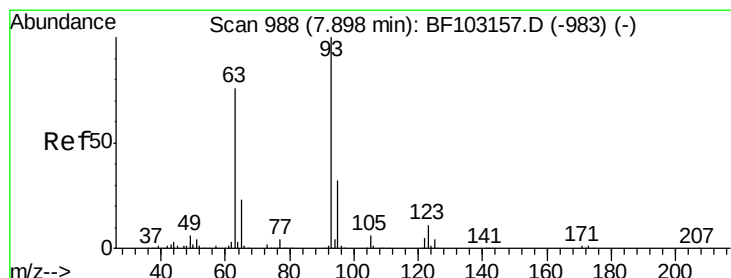
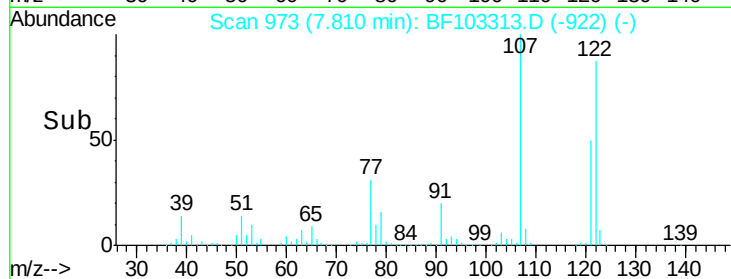
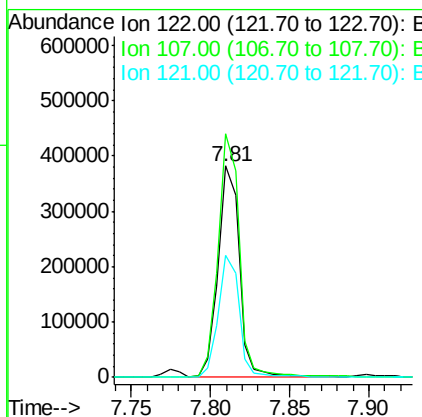
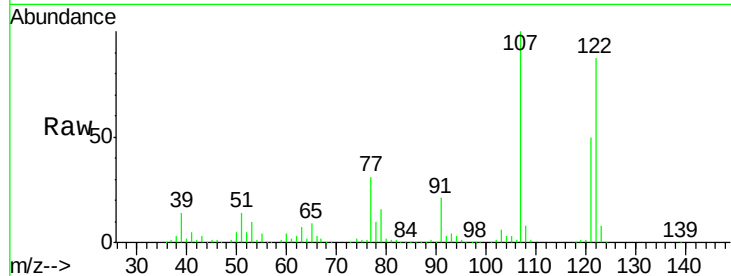
#27
2,4-Dimethylphenol
Concen: 41.991 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampleId :
SP-28MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	91.2	136.8
121	57.9	47.2	70.8

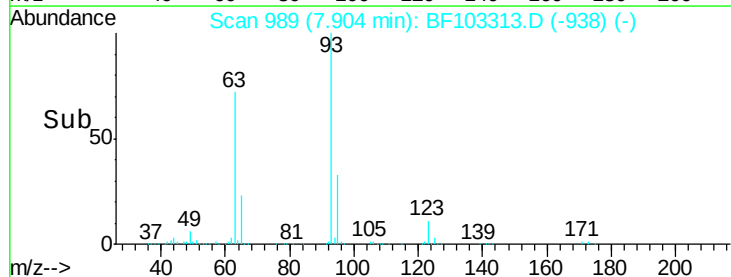
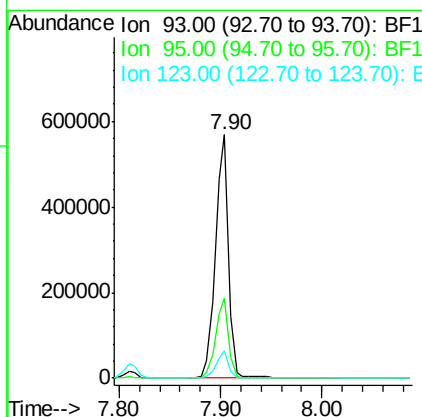
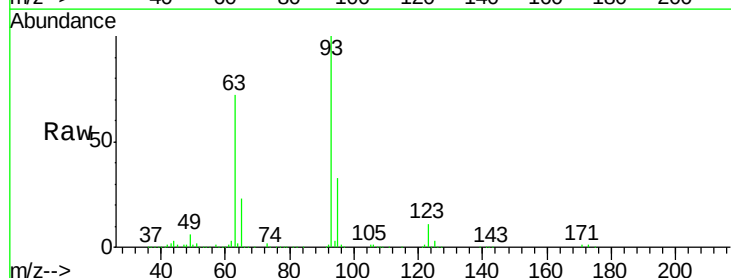
Manual Integrations
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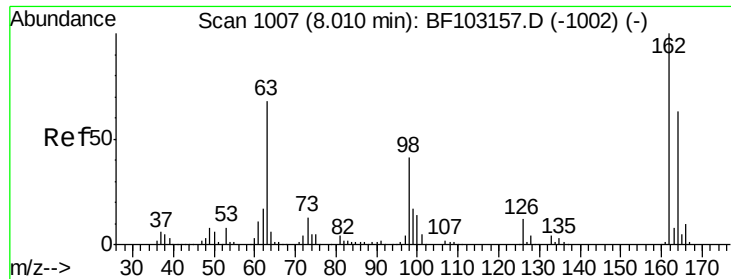
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 41.217 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.1	9.8	14.6





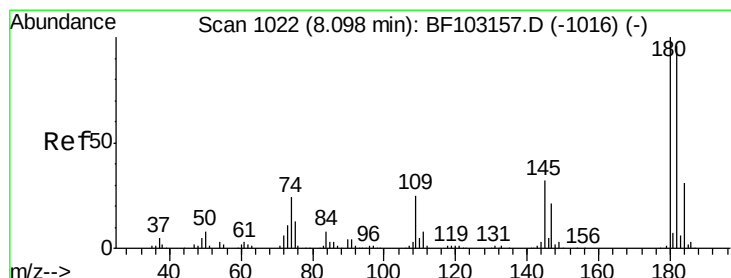
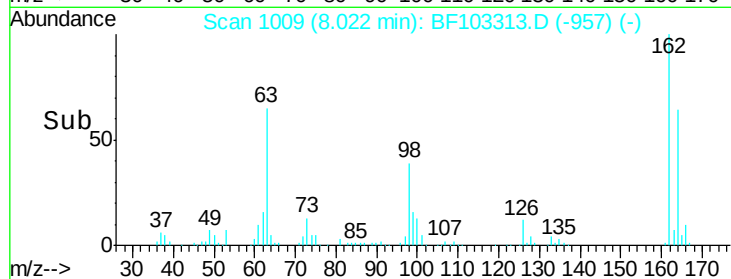
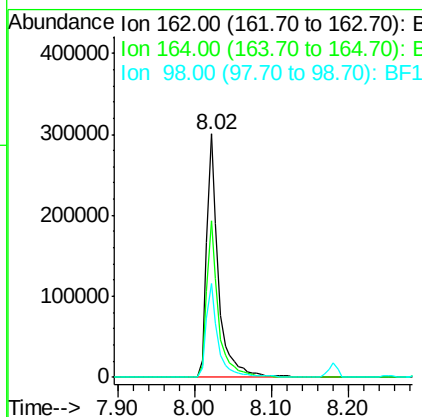
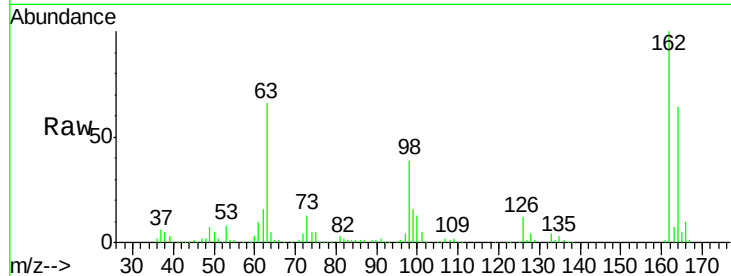
#29
2,4-Dichlorophenol
Concen: 39.303 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampleId :
SP-28MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	318712		
164	64.4	42.7	82.7	
98	38.7	18.1	58.1	

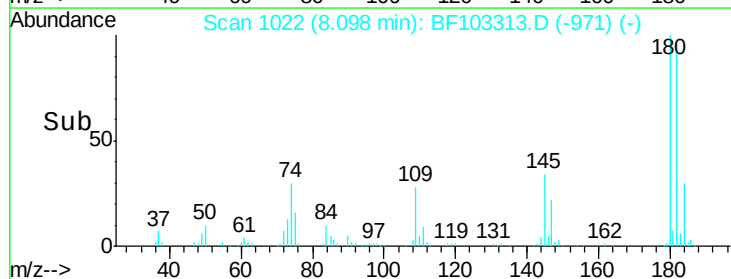
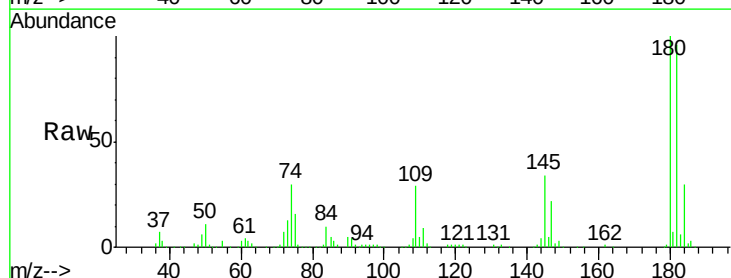
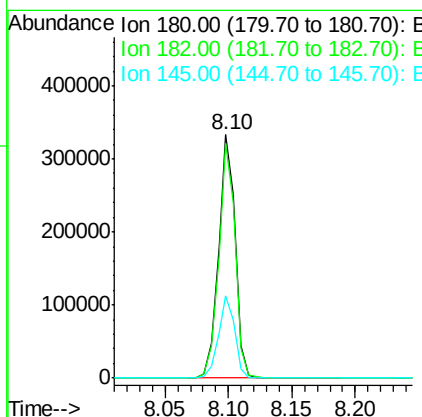
Manual Integrations
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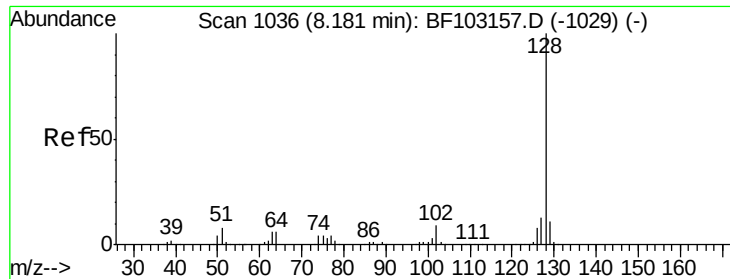
Sohil
3/1/2018 11:43:36 AM



#30
1,2,4-Trichlorobenzene
Concen: 35.679 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	308097		
182	96.2	76.8	115.2	
145	33.8	26.5	39.7	





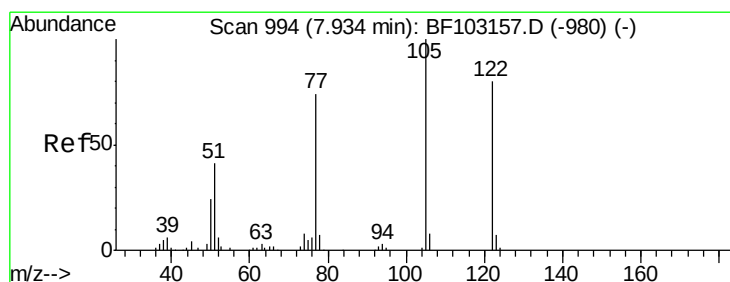
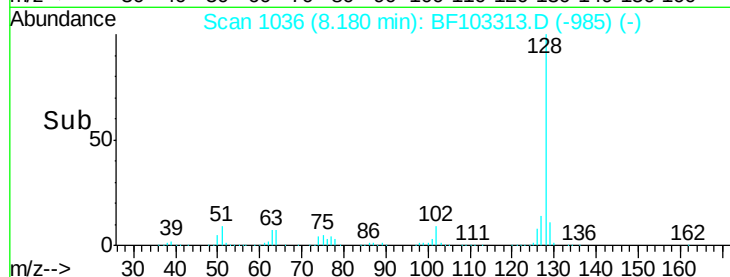
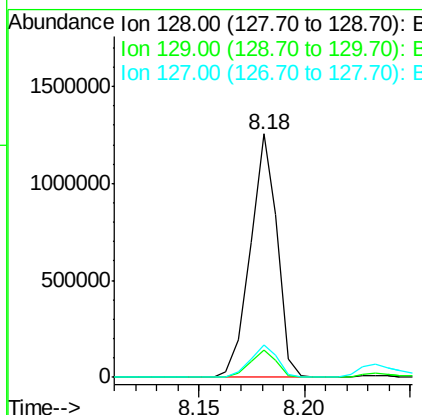
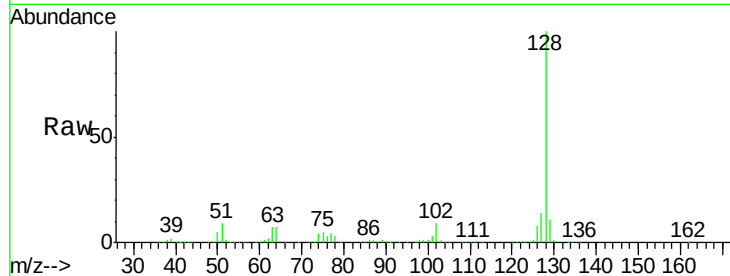
#31
Naphthalene
Concen: 36.994 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampleId :
SP-28MS

Tot Ion:128 Resp: 1105775
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.9 16.3

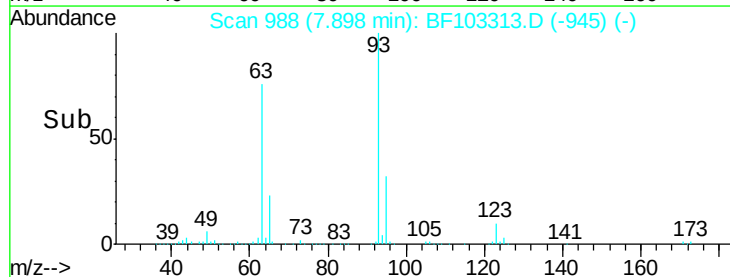
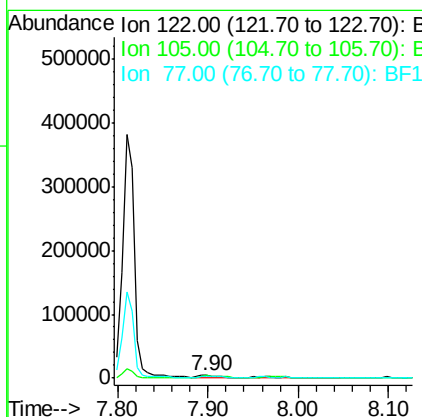
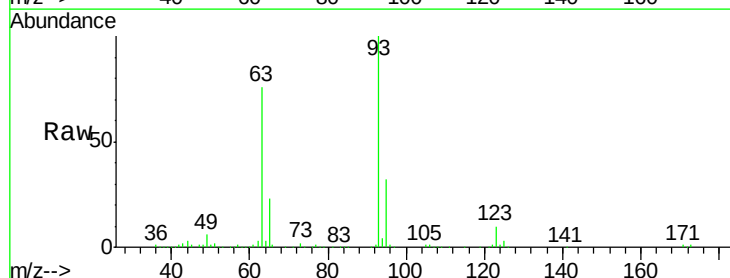
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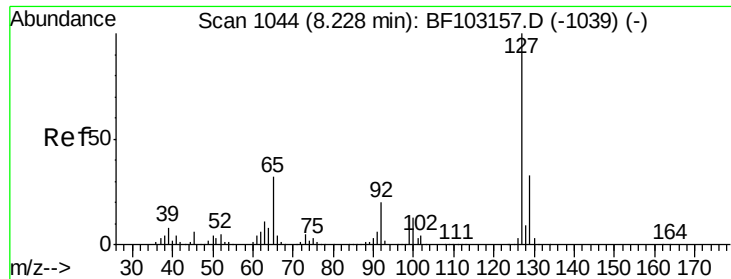
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#32
Benzoic acid
Concen: 8.992 ng m
RT: 7.90 min Scan# 988
Delta R.T. -0.05 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion:122 Resp: 15253
Ion Ratio Lower Upper
122 100
105 96.8 101.1 141.1#
77 78.0 70.7 110.7





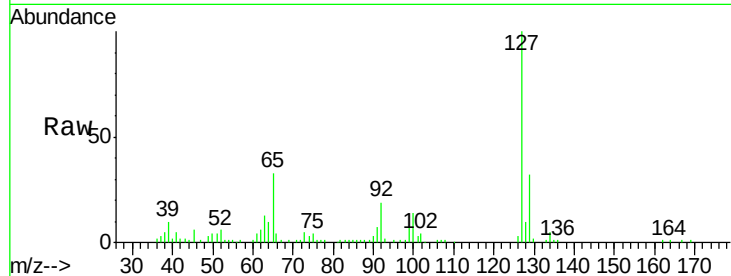
#33
4-Chloroaniline
Concen: 8.539 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampled :
SP-28MS

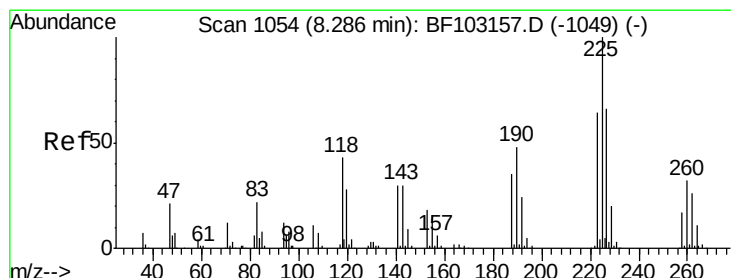
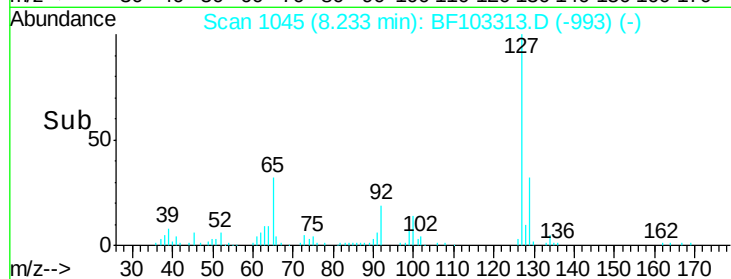
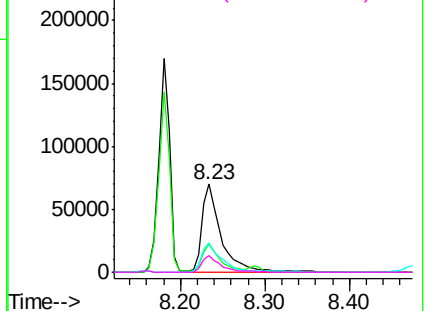
Tot Ion:	127	Resp:	110140
Ion Ratio	Lower	Upper	
127	100		
129	31.8	25.9	38.9
65	33.0	25.0	37.4
92	19.5	15.2	22.8

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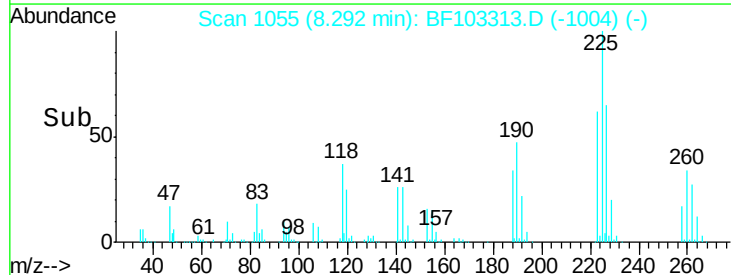
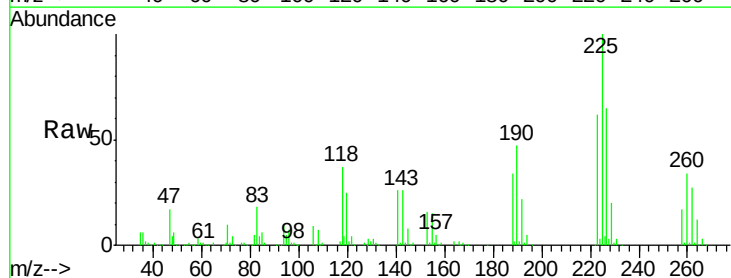
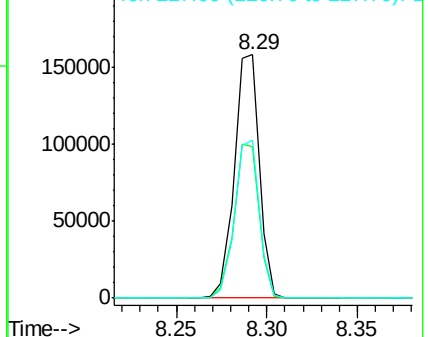
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

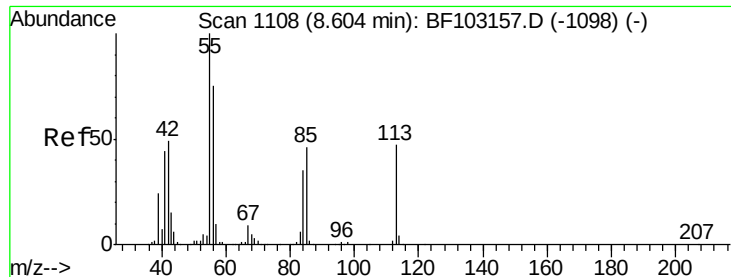


#34
Hexachlorobutadiene
Concen: 33.806 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion:	225	Resp:	152017
Ion Ratio	Lower	Upper	
225	100		
223	62.3	50.6	76.0
227	64.8	51.9	77.9

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





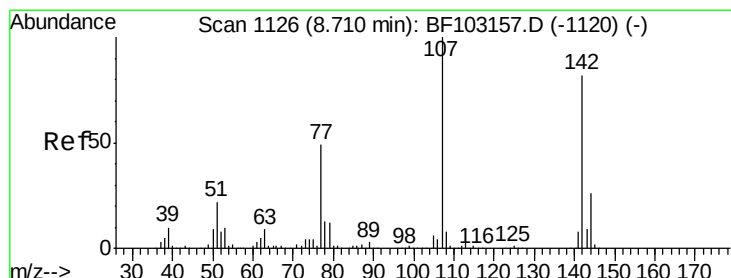
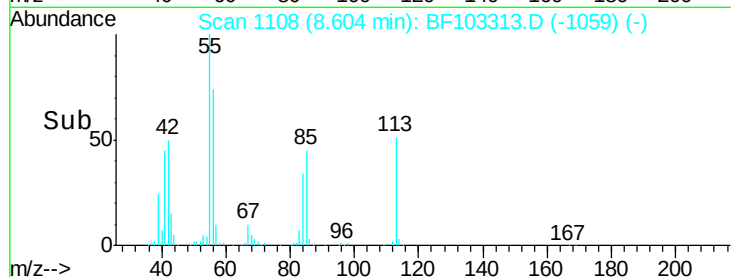
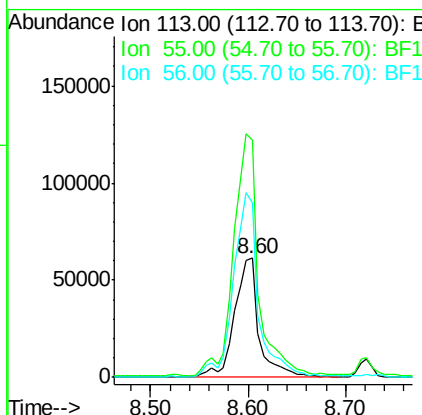
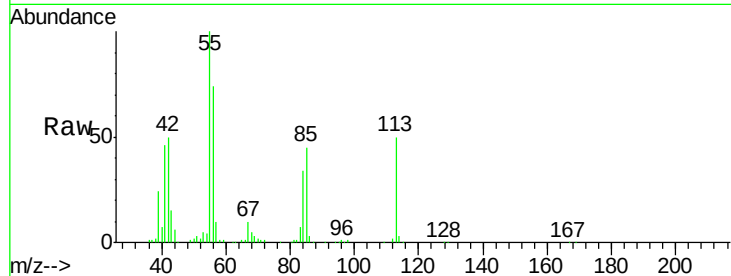
#35
 Caprolactam
 Concen: 37.872 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Instrument :
 BNA_F
 ClientSampled :
 SP-28MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	199.2	163.3	203.3
56	146.8	115.7	155.7

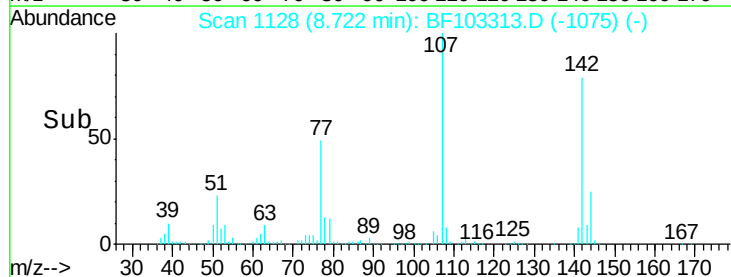
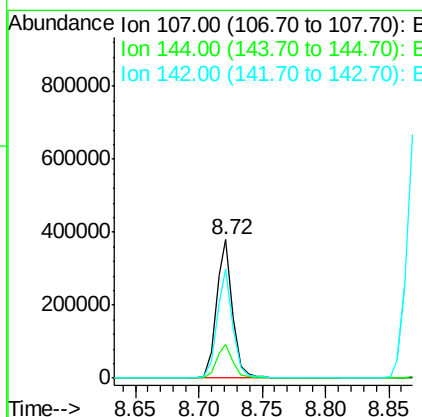
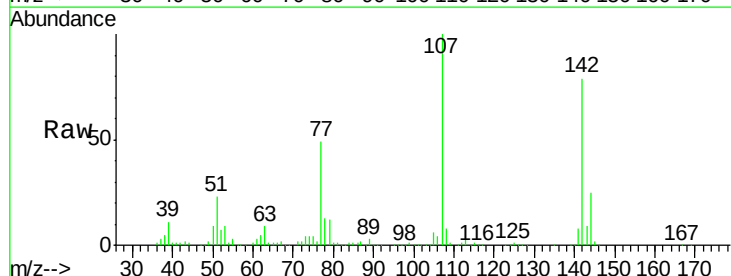
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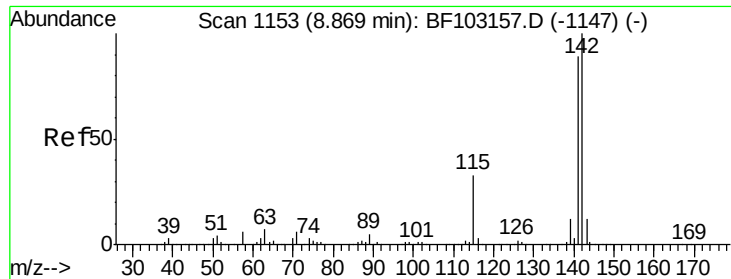
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#36
 4-Chloro-3-methylphenol
 Concen: 37.431 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.5	30.7
142	78.8	62.0	93.0





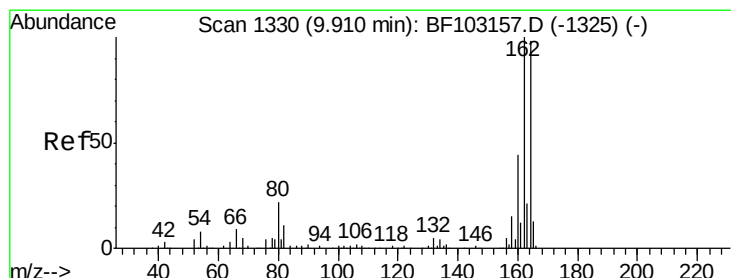
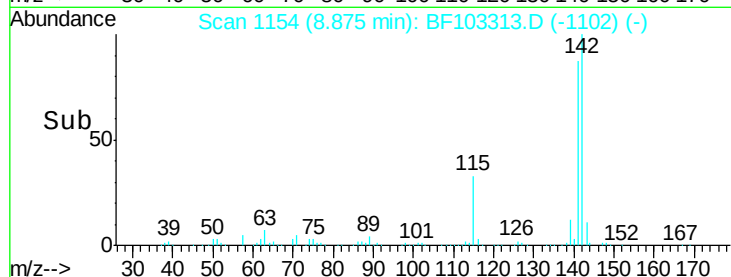
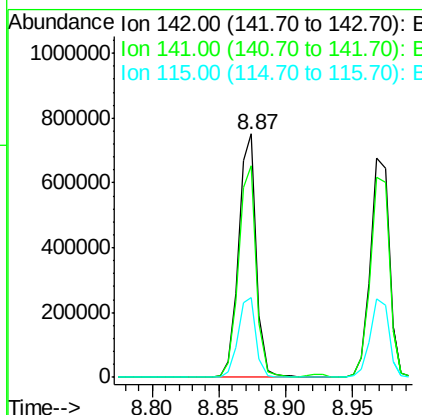
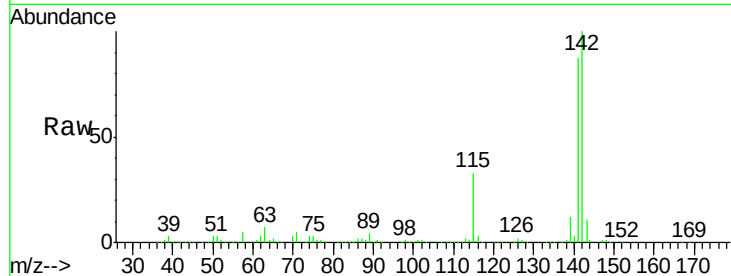
#37
2-Methylnaphthalene
Concen: 35.889 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampled :
SP-28MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.8	106.2
115	33.0	26.1	39.1

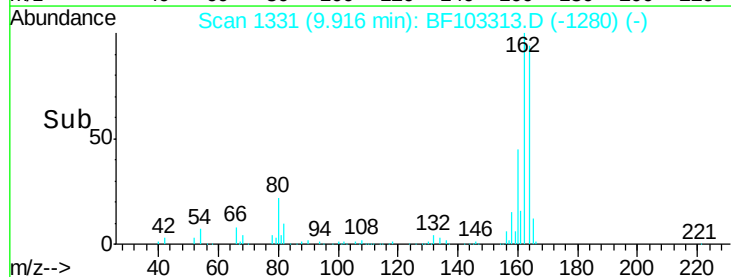
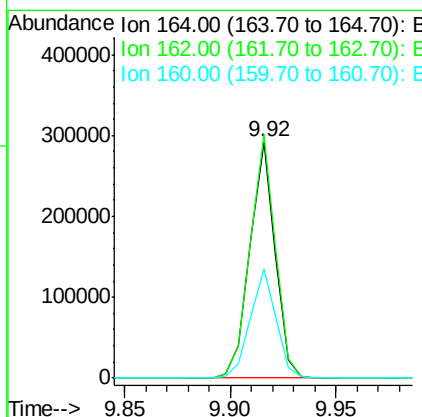
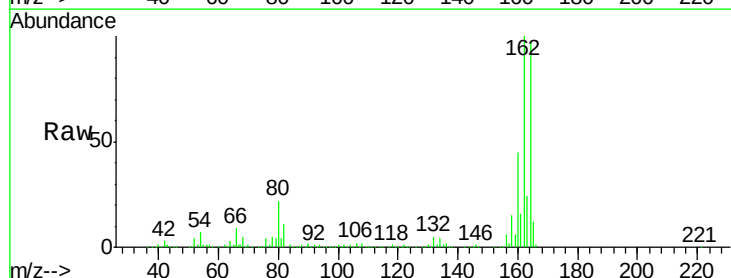
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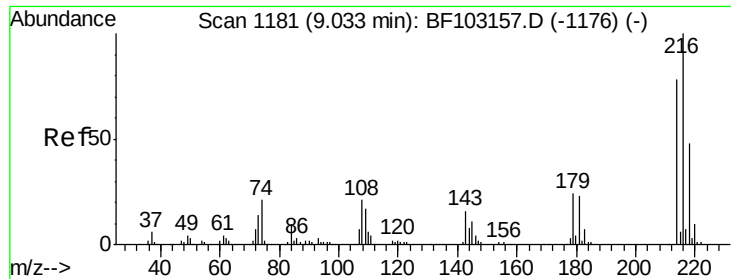
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	46.2	38.3	57.5





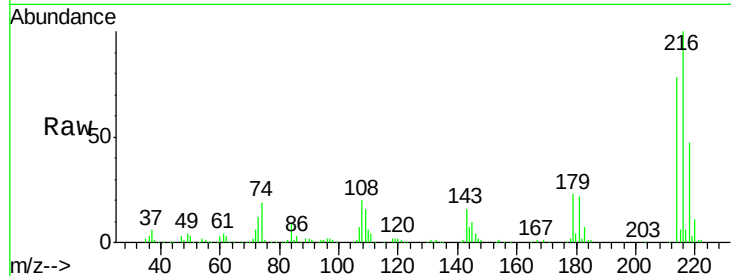
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.838 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 SP-28MS

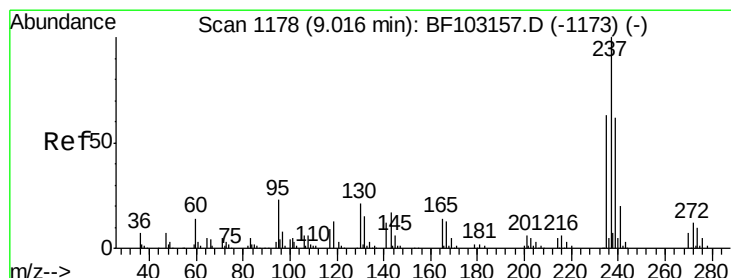
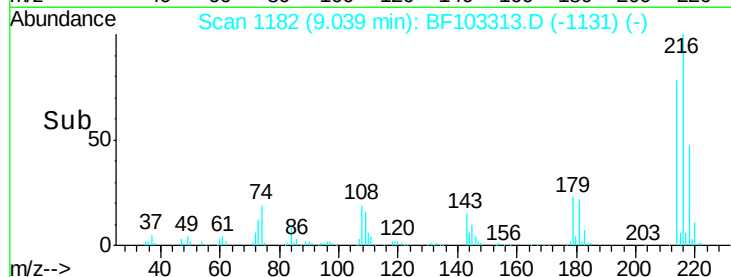
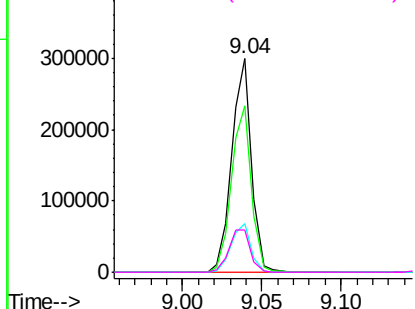
Tot Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	22.9	18.1	27.1
108	22.2	17.2	25.8

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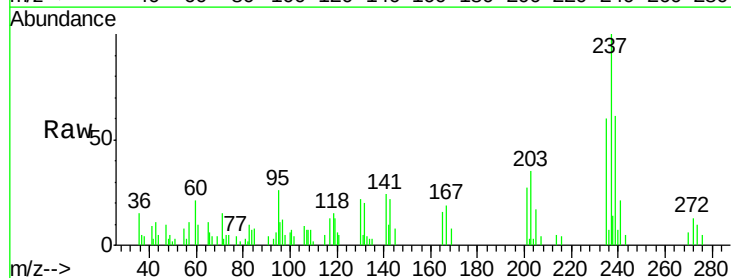


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

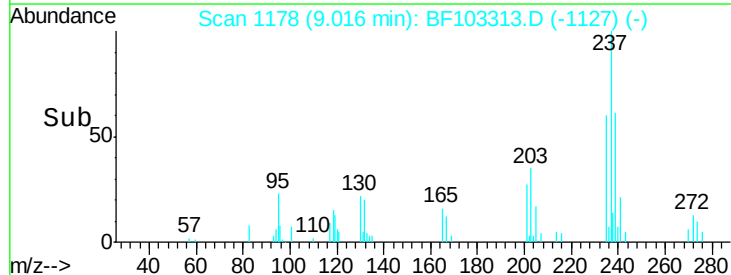
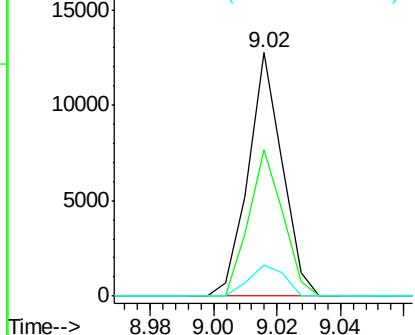


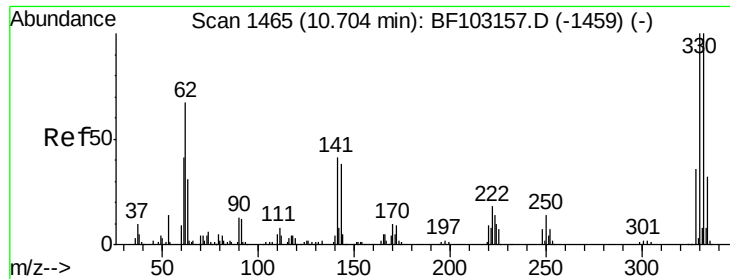
#40
 Hexachlorocyclopentadiene
 Concen: 12.496 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.1	44.8	84.8
272	12.7	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





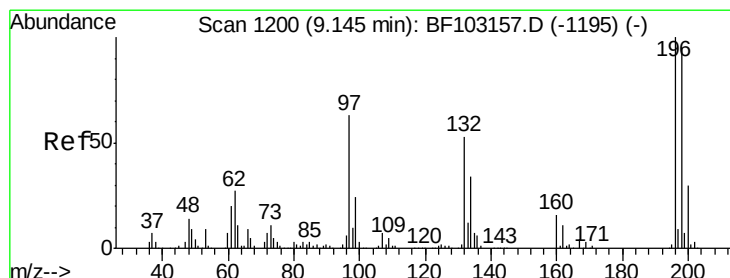
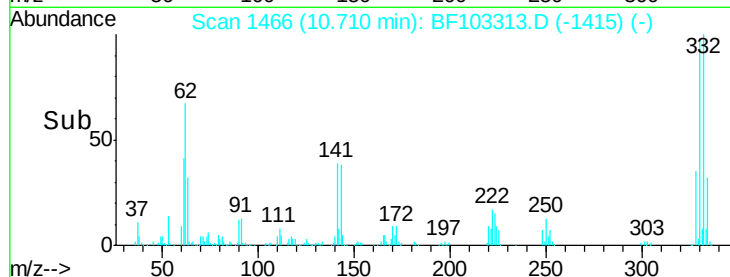
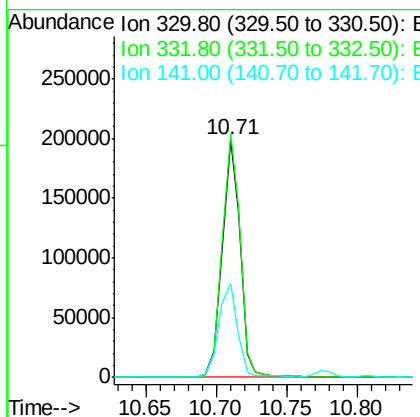
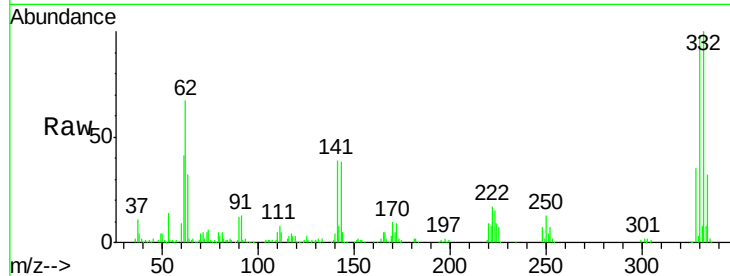
#41
 2,4,6-Tribromophenol
 Concen: 86.153 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Instrument :
 BNA_F
 ClientSampled :
 SP-28MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	176887		
332	103.2	77.0	115.6	
141	41.9	29.9	44.9	

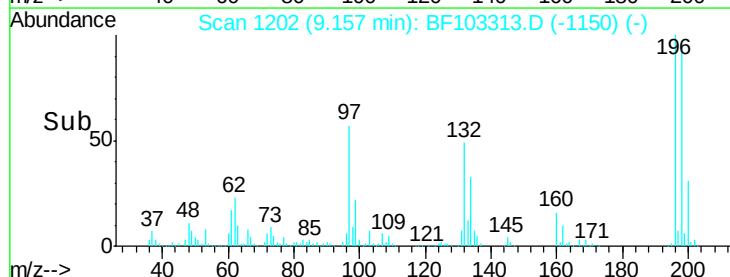
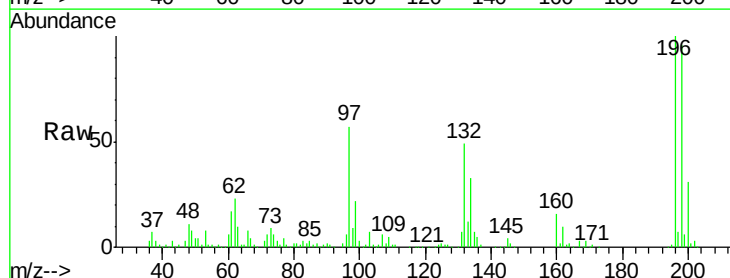
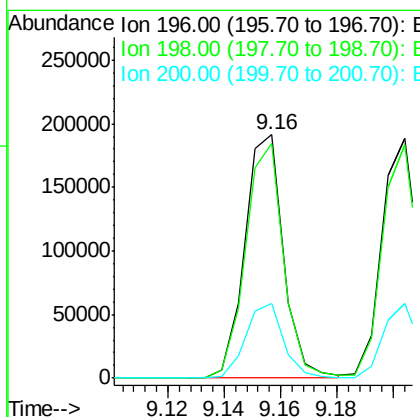
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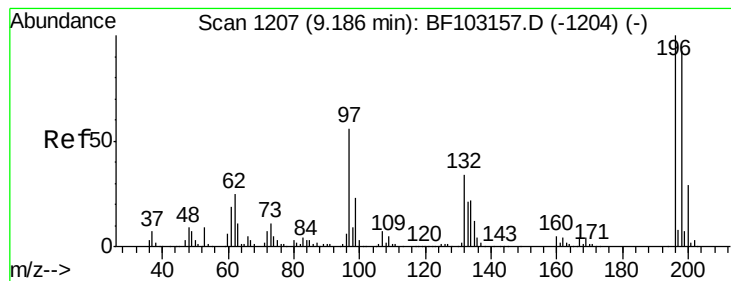
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#42
 2,4,6-Trichlorophenol
 Concen: 40.554 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180951		
198	96.4	75.7	113.5	
200	30.6	24.5	36.7	





#43

2,4,5-Trichlorophenol

Concen: 36.352 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

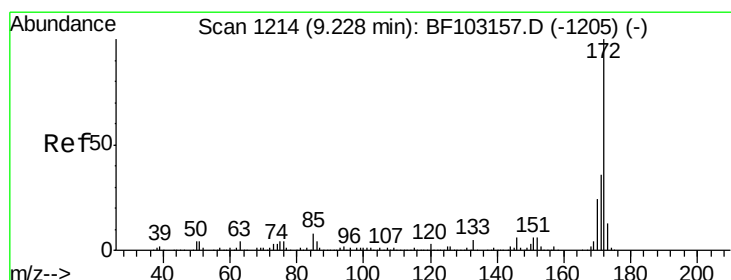
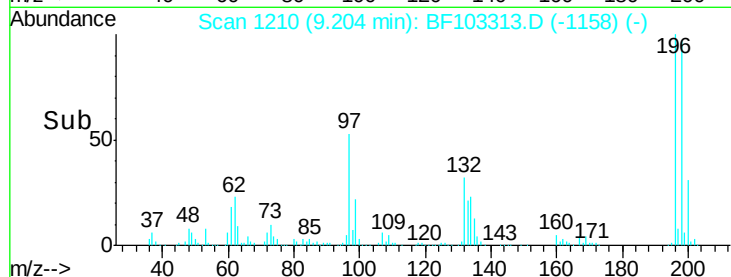
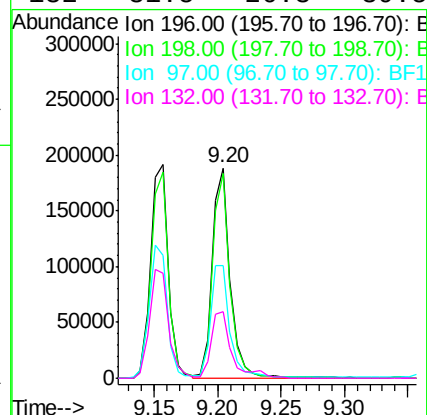
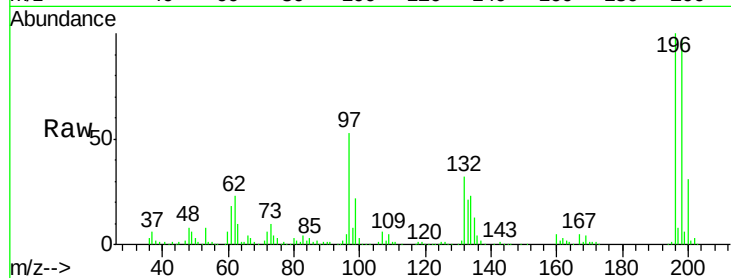
ClientSampleId :

SP-28MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		186557		
198	97.5		74.6	112.0	
97	53.5		42.9	64.3	
132	31.5		26.3	39.5	

Manual Integrations
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#44

2-Fluorobiphenyl

Concen: 70.850 ng

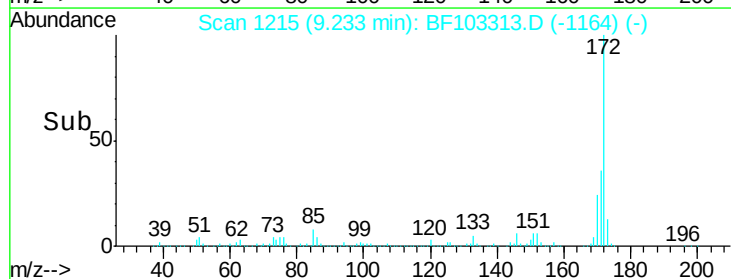
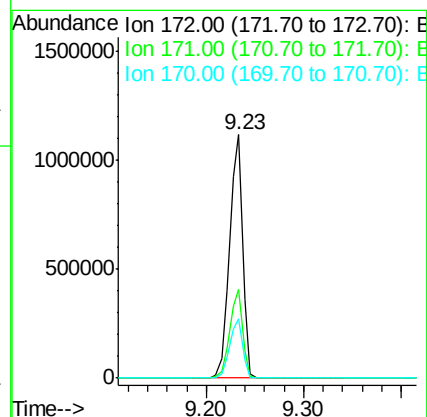
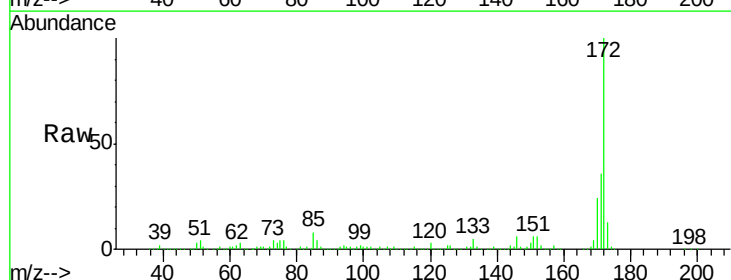
RT: 9.23 min Scan# 1215

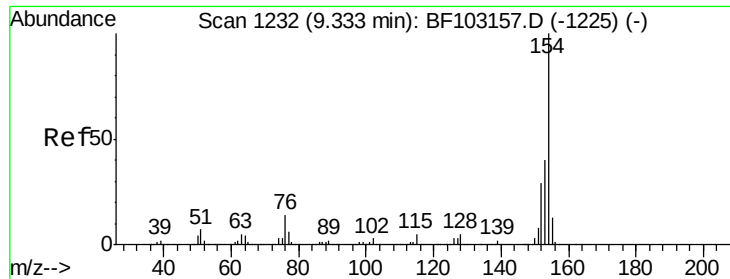
Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1038410		
171	36.4		29.7	44.5	
170	24.4		19.6	29.4	





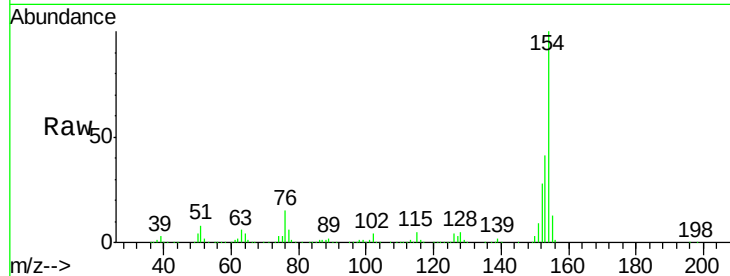
#45
 1,1'-Biphenyl
 Concen: 37.932 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Instrument :
 BNA_F
 ClientSampled :
 SP-28MS

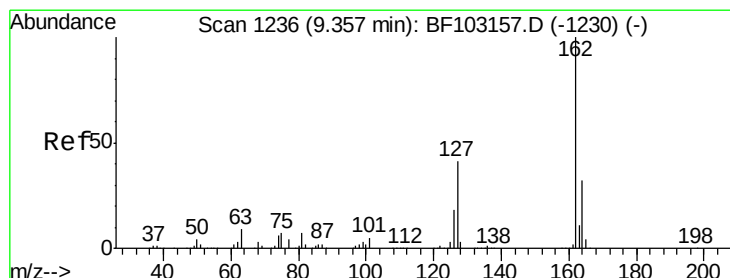
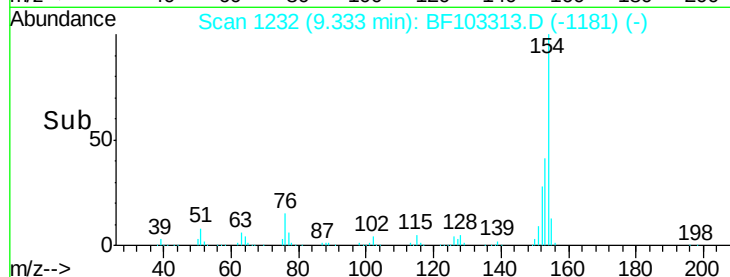
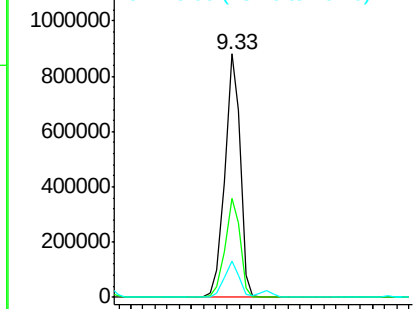
Tot Ion:	154	Resp:	770991
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.3	61.3
76	14.8	0.0	34.0

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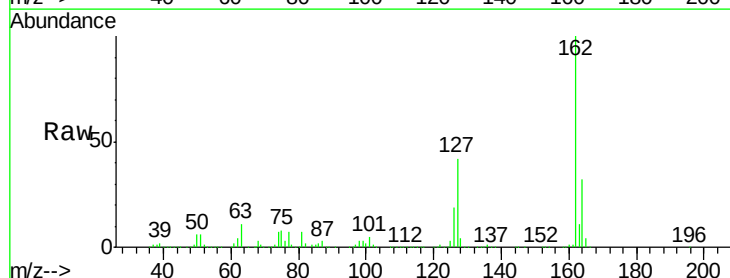


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

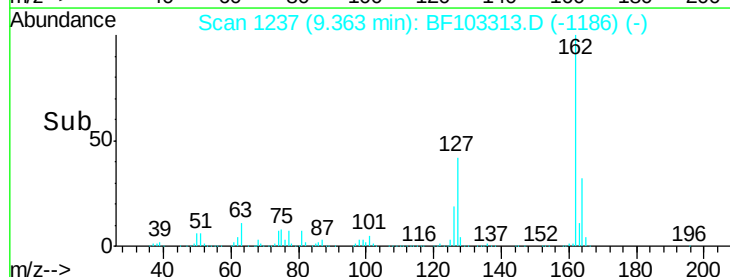
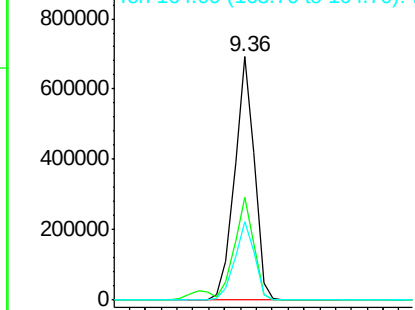


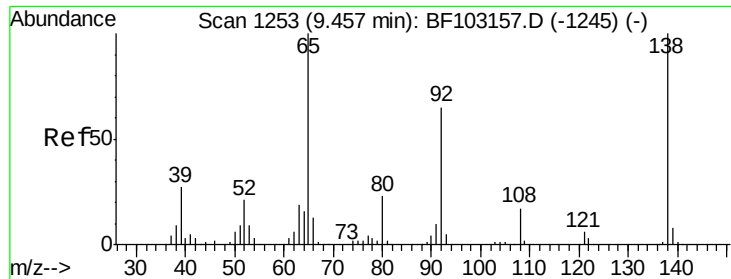
#46
 2-Chloronaphthalene
 Concen: 37.169 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion:	162	Resp:	597686
Ion Ratio	Lower	Upper	
162	100		
127	42.0	33.9	50.9
164	32.4	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





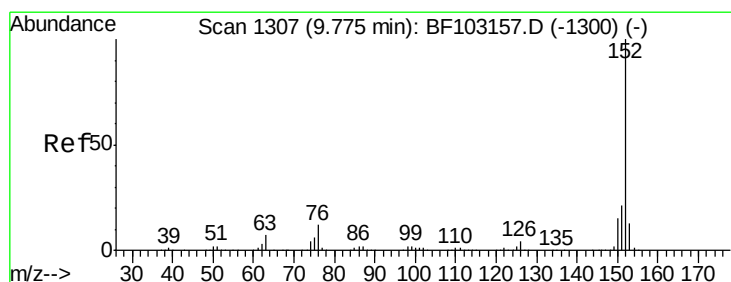
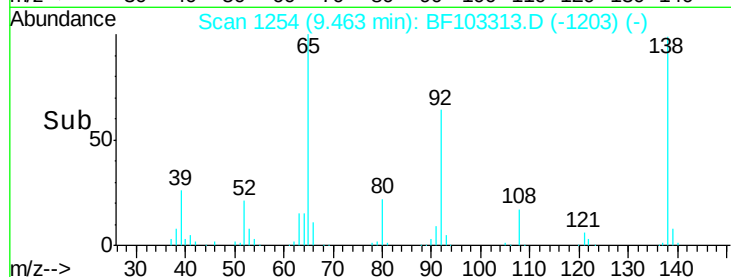
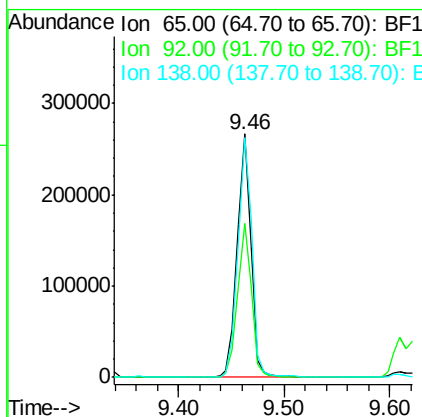
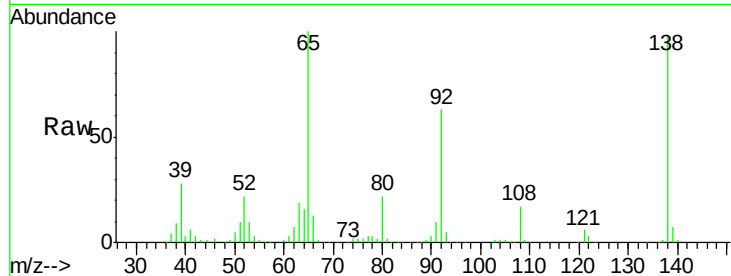
#47
2-Nitroaniline
Concen: 40.392 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampleId :
SP-28MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.3	55.8	83.6
138	98.5	91.2	136.8

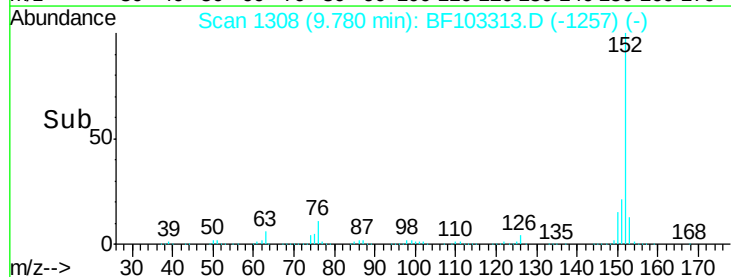
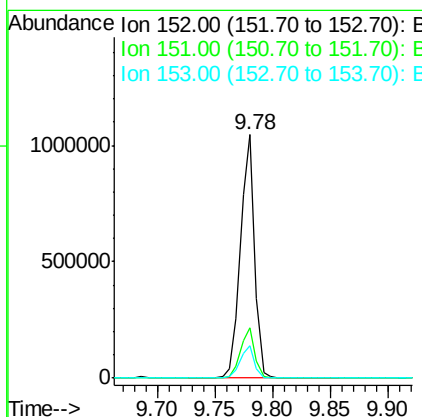
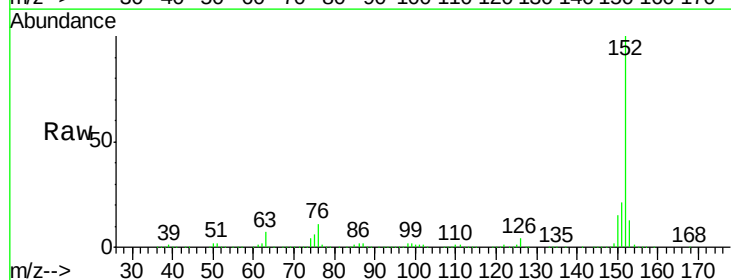
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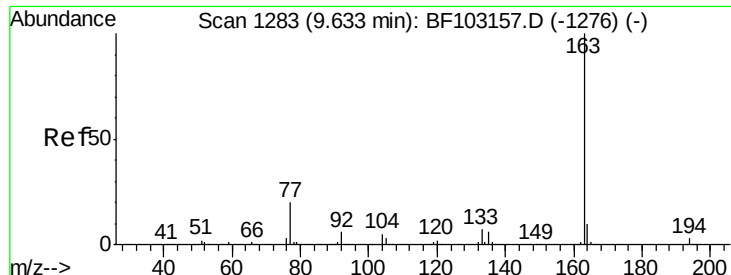
Sohil
3/1/2018 11:43:36 AM



#48
Acenaphthylene
Concen: 36.001 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.1	10.7	16.1





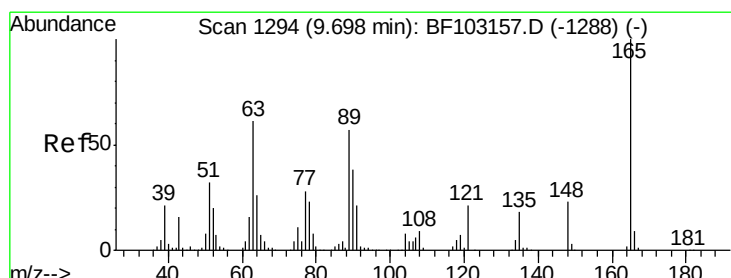
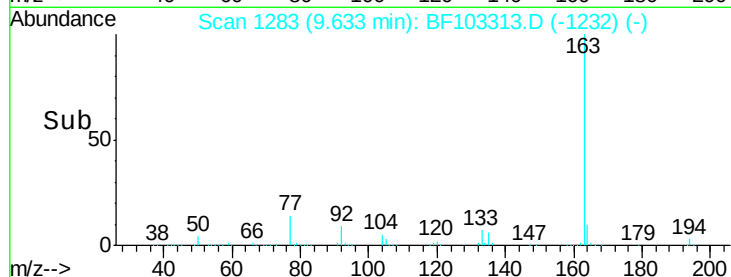
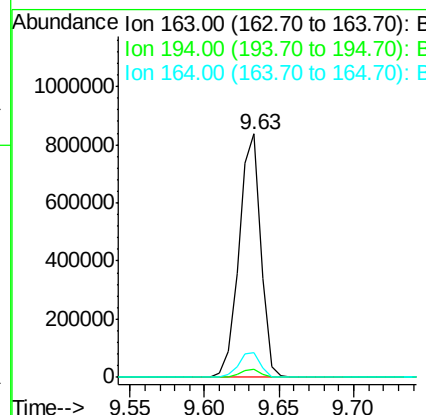
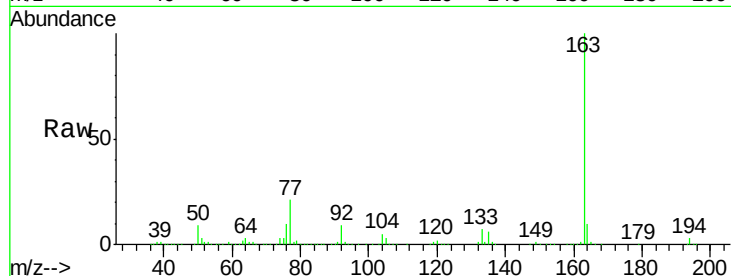
#49
Dimethylphthalate
Concen: 43.993 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampleId :
SP-28MS

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

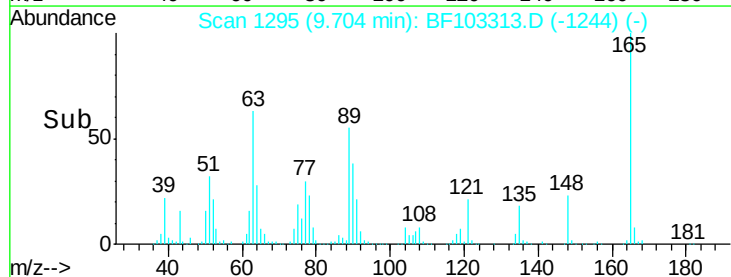
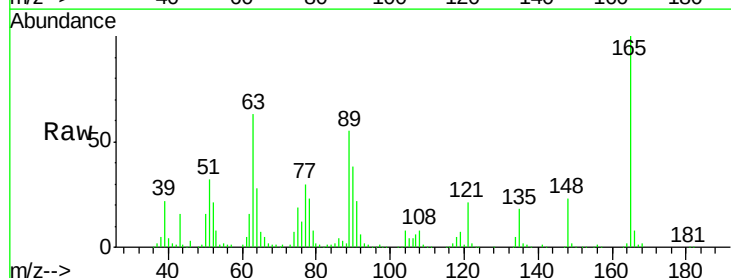
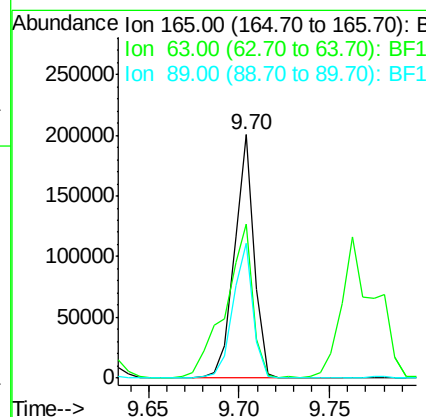
Manual Integrations
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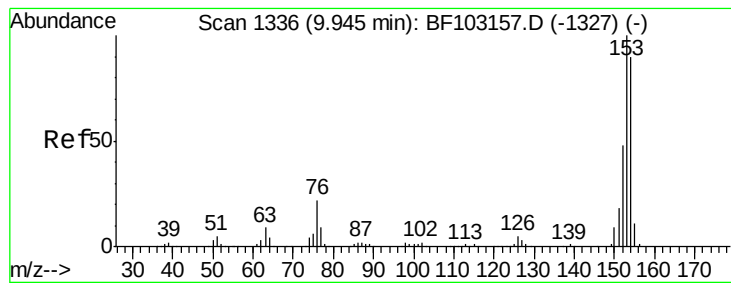
Sohil
3/1/2018 11:43:36 AM



#50
2,6-Dinitrotoluene
Concen: 37.027 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	63.4	44.7	67.1	
89	55.4	44.0	66.0	





#51

Acenaphthene

Concen: 36.126 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampleId :

SP-28MS

Tot Ion:154 Resp: 521189

Ion Ratio Lower Upper

154 100

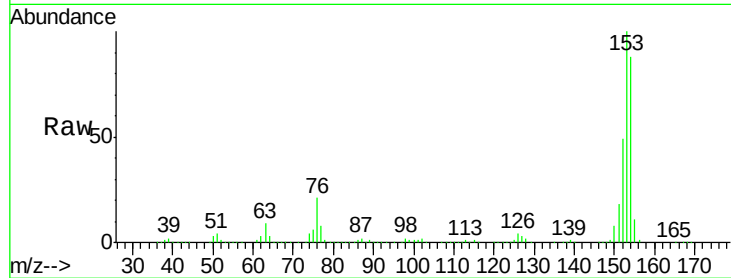
153 113.2 91.2 136.8

152 55.2 43.8 65.8

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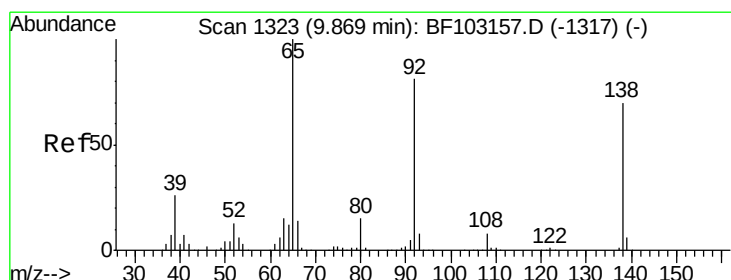
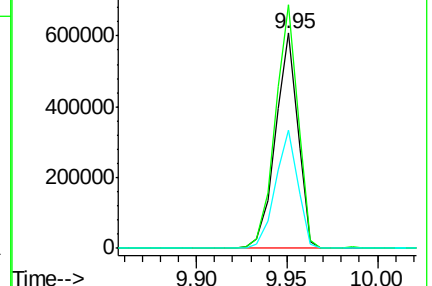
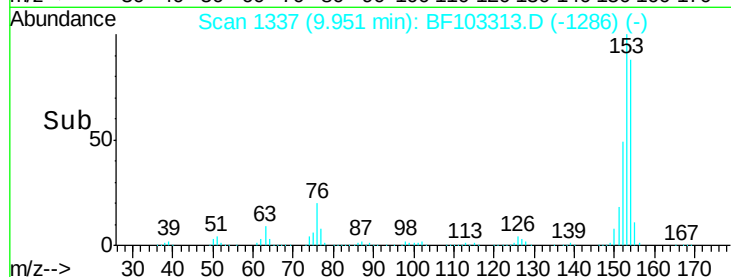
3/1/2018 11:43:36 AM



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: 27.267 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

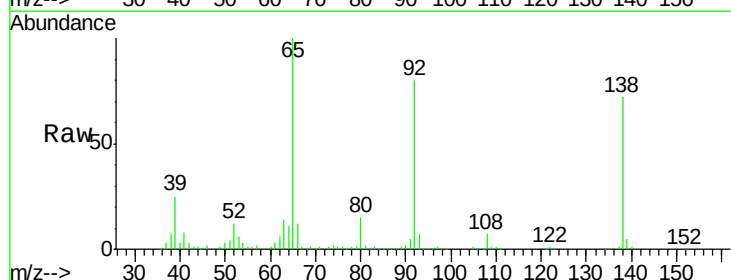
Tgt Ion:138 Resp: 141267

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

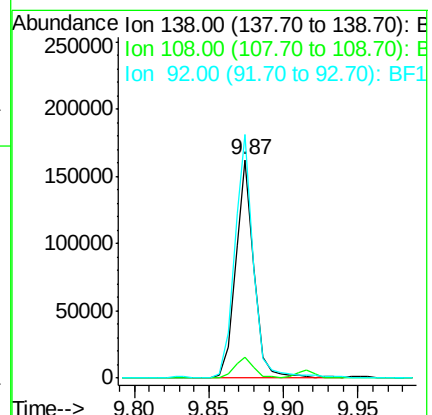
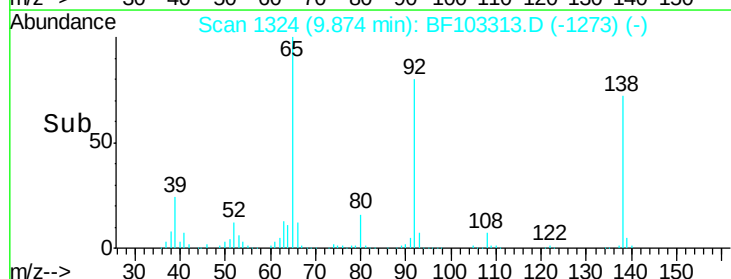
92 111.6 89.4 134.2

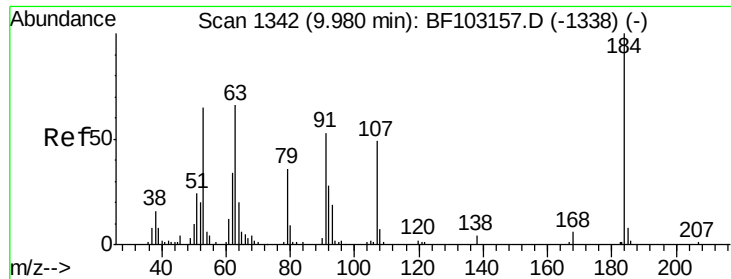


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





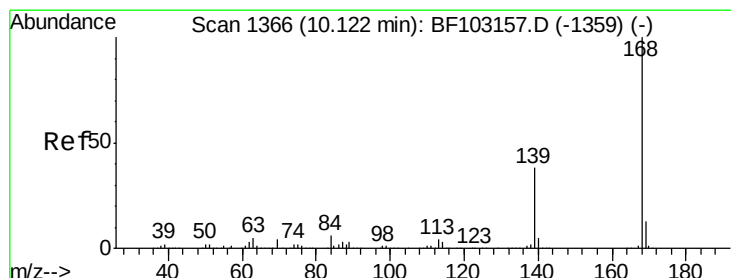
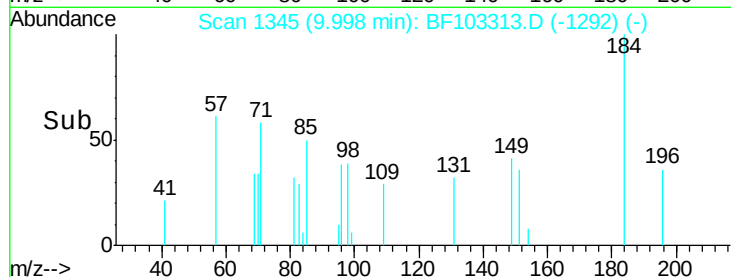
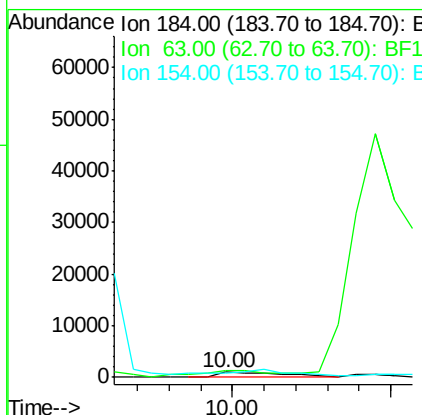
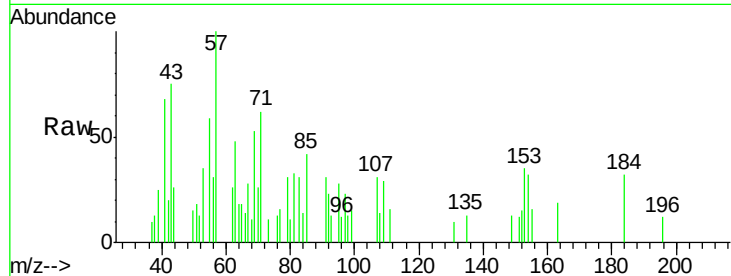
#53
2,4-Dinitrophenol
Concen: 10.500 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampled :
SP-28MS

Tot Ion:184 Resp: 1474
Ion Ratio Lower Upper
184 100
63 148.1 54.2 81.2#
154 99.0 184.0 276.0#

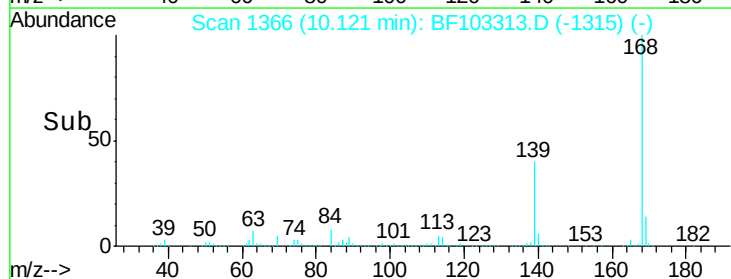
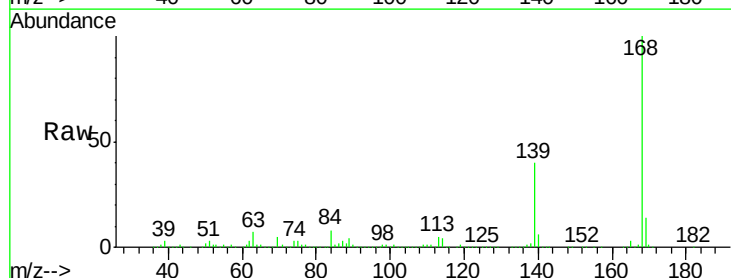
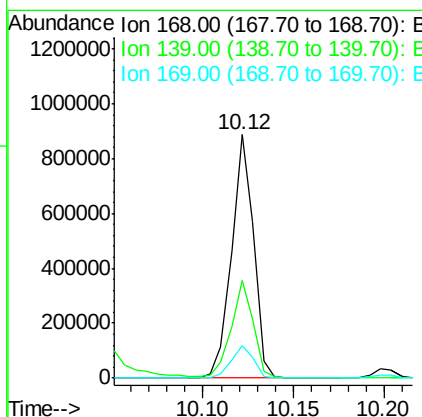
Manual Integrations
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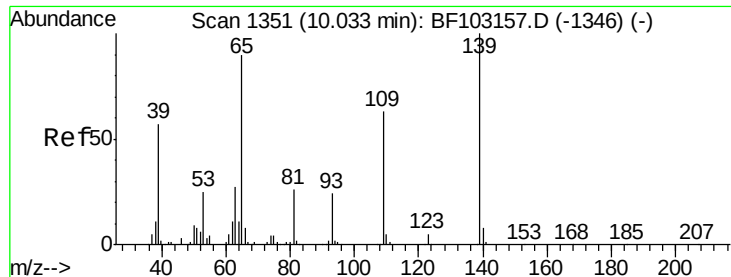
Sohil
3/1/2018 11:43:36 AM



#54
Dibenzofuran
Concen: 38.013 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion:168 Resp: 752838
Ion Ratio Lower Upper
168 100
139 40.2 30.1 45.1
169 13.5 10.9 16.3





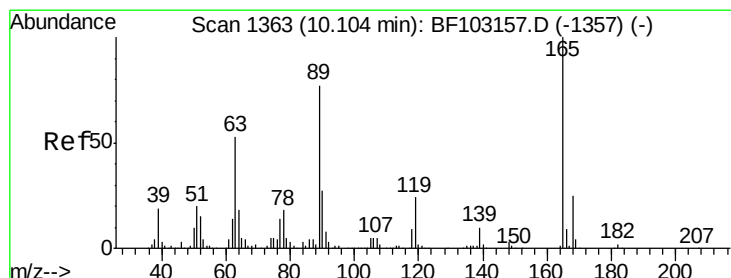
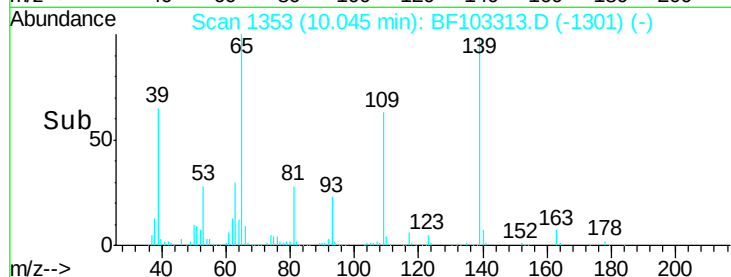
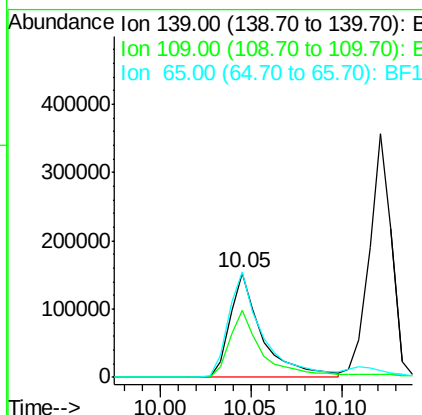
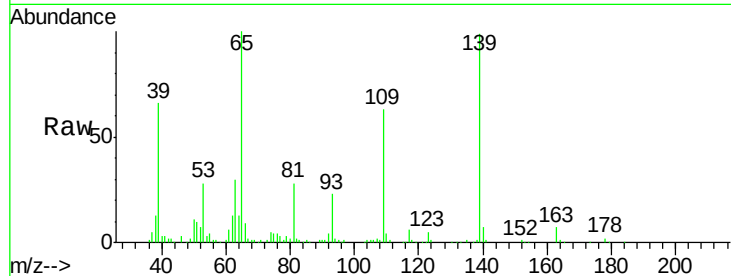
#55
4-Nitrophenol
Concen: 58.480 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampled :
SP-28MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	63.5	48.4	88.4
65	101.0	72.6	112.6

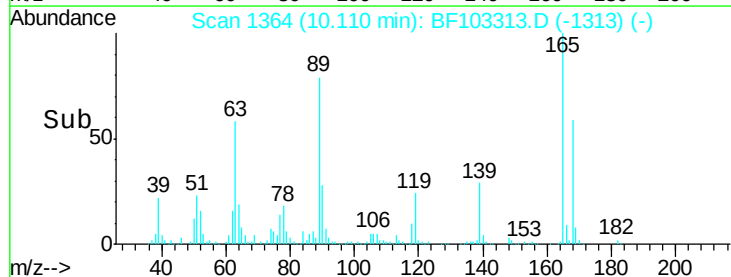
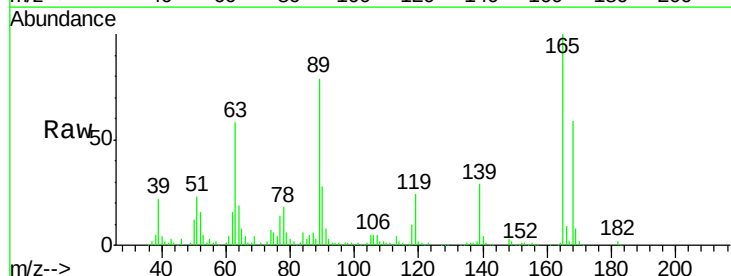
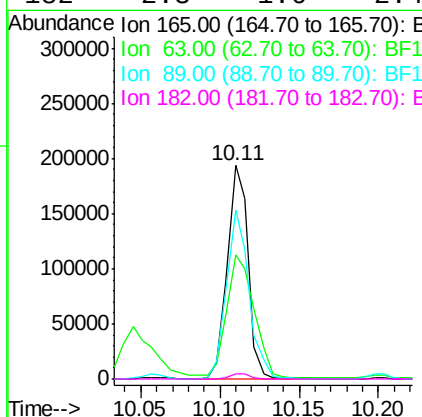
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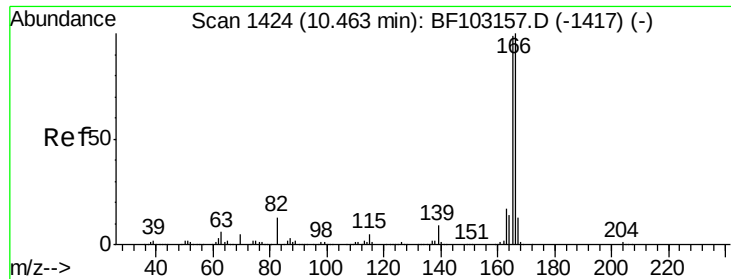
Sohil
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#56
2,4-Dinitrotoluene
Concen: 34.313 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.0	36.4	54.6#
89	79.2	57.8	86.6
182	2.3	1.6	2.4





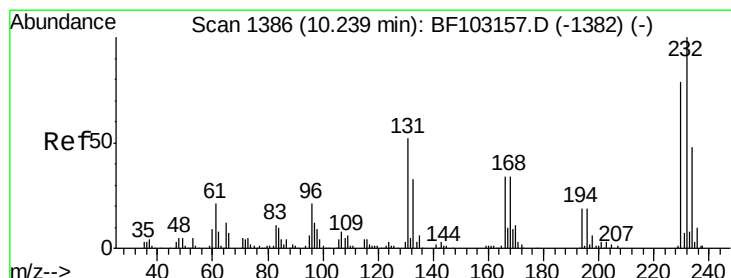
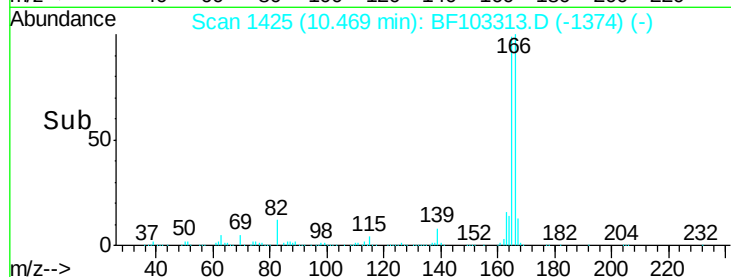
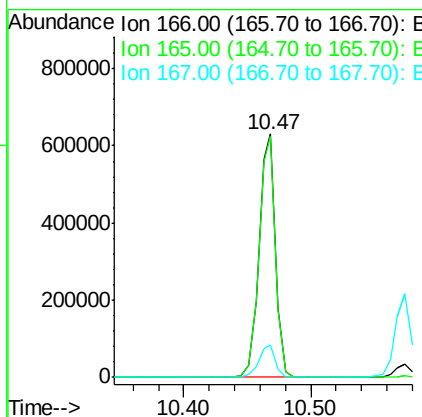
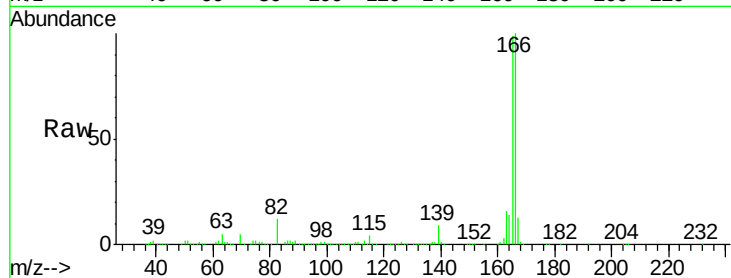
#57
 Fluorene
 Concen: 34.172 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 SP-28MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	13.2	10.6	16.0

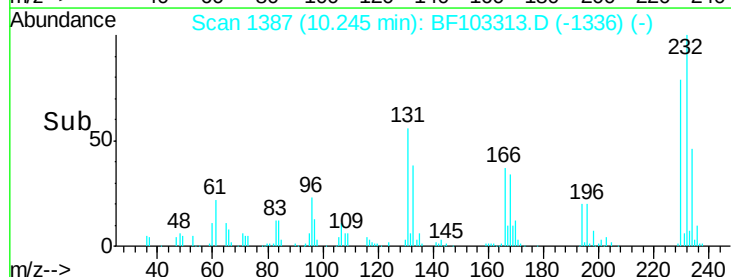
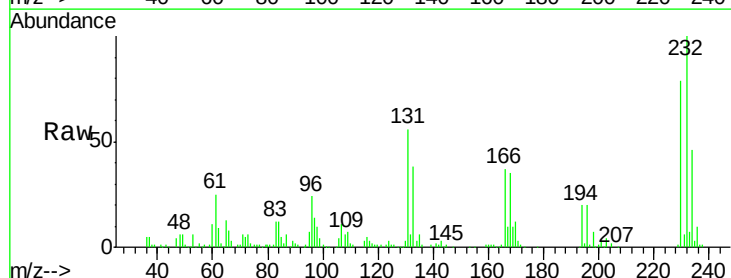
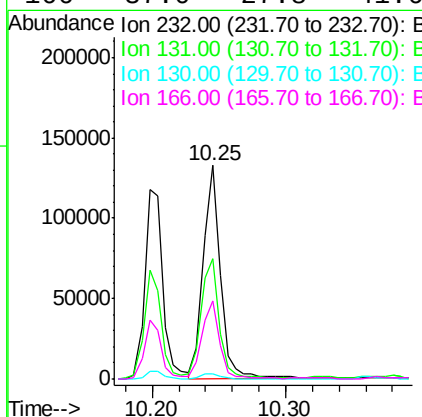
Manual Integrations
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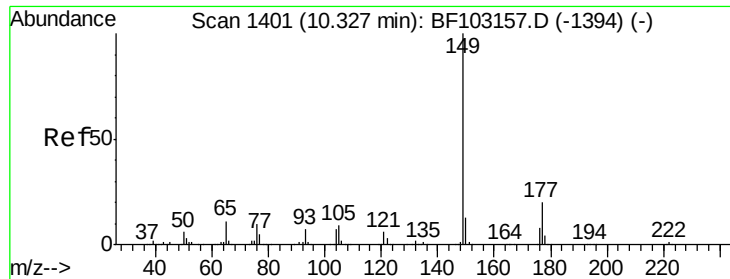
Sohil
 3/1/2018 11:43:36 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.506 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
232	100		
131	58.0	43.8	65.8
130	3.0	2.1	3.1
166	37.0	27.8	41.6





#59

Diethylphthalate

Concen: 36.602 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

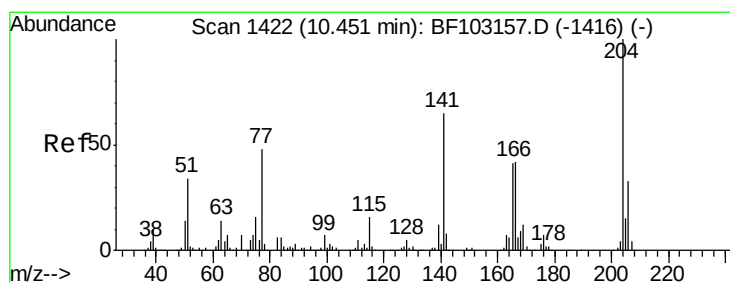
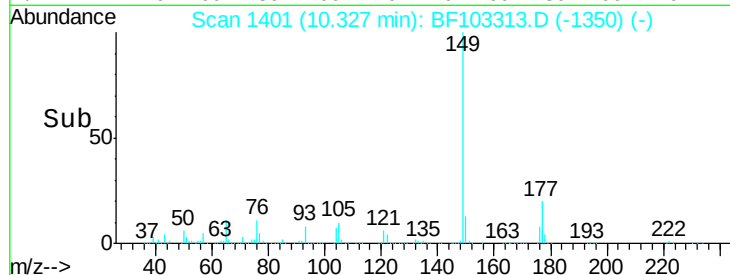
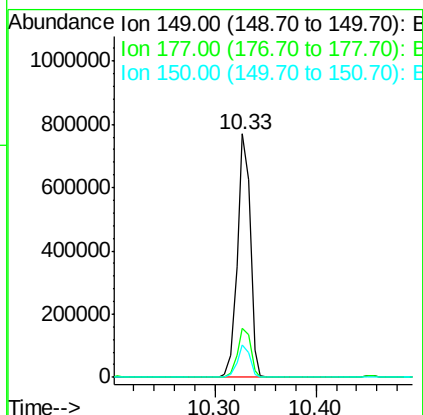
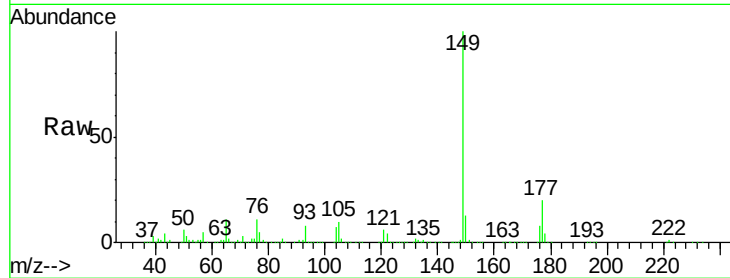
ClientSampled :

SP-28MS

Tot Ion:	149	Resp:	681196
Ion Ratio	Lower	Upper	
149	100		
177	20.1	16.1	24.1
150	13.2	10.1	15.1

Manual Integrations
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3/1/2018 11:43:36 AM



#60

4-Chlorophenyl-phenylether

Concen: 35.977 ng

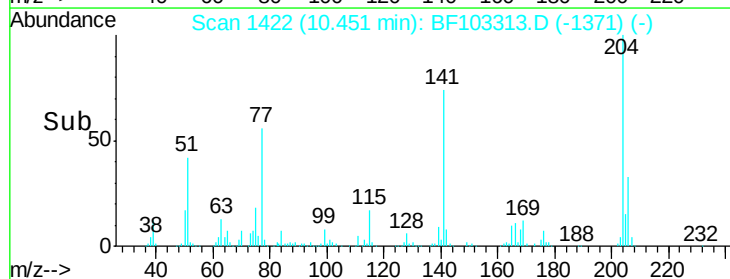
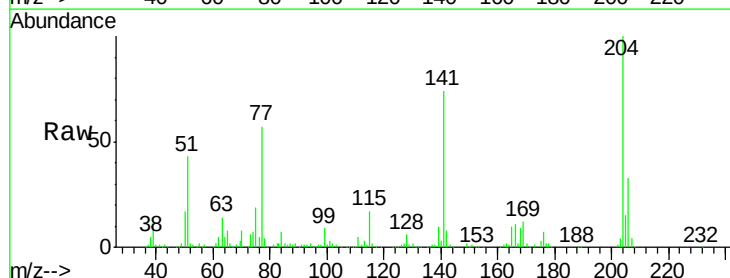
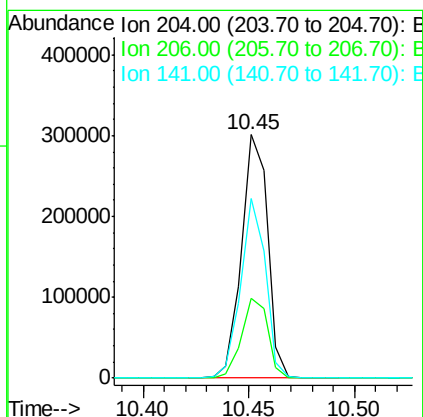
RT: 10.45 min Scan# 1422

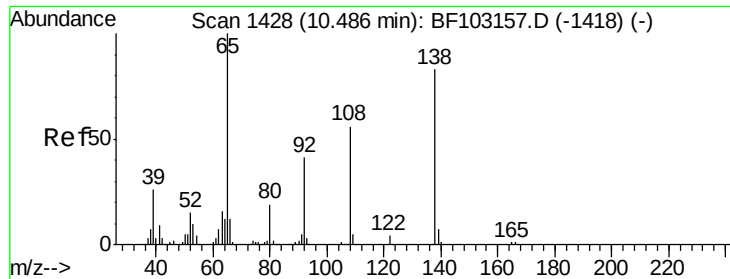
Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Tgt Ion:	204	Resp:	257389
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.5	39.7
141	74.0	54.6	81.8





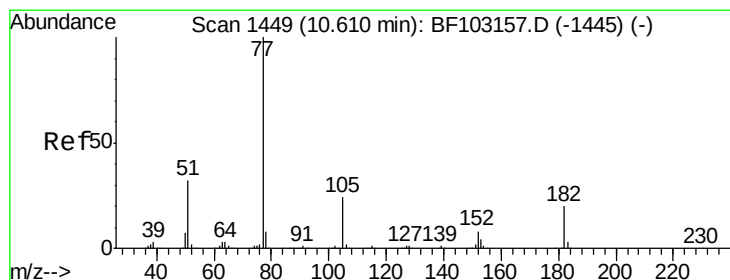
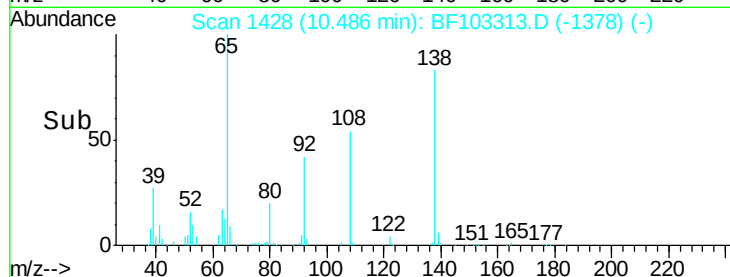
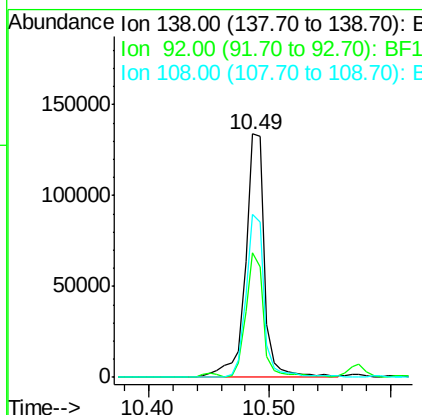
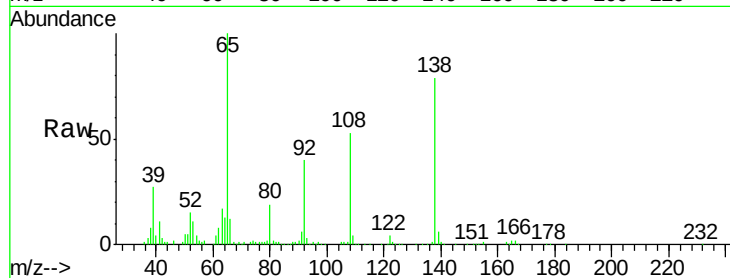
#61
4-Nitroaniline
Concen: 28.688 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampleId :
SP-28MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.4	30.2	70.2
108	67.0	52.5	92.5

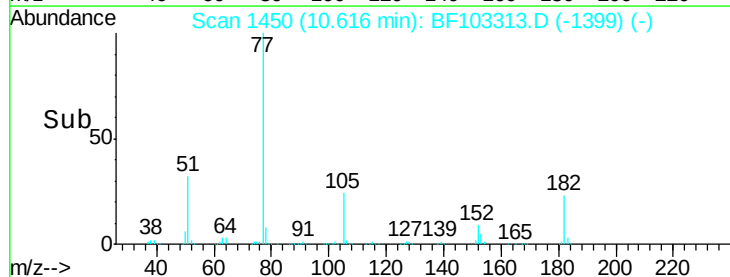
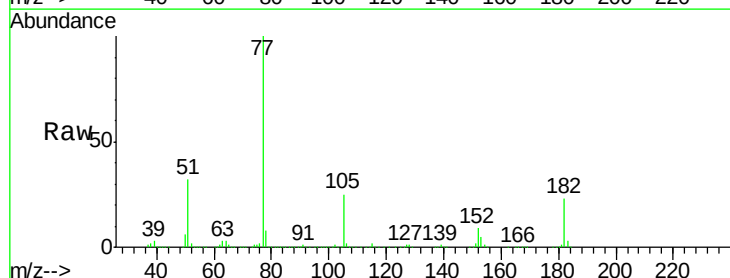
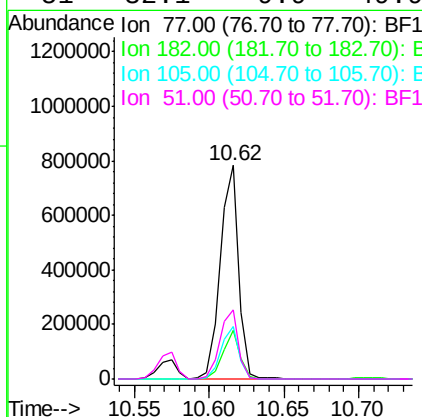
Manual Integrations
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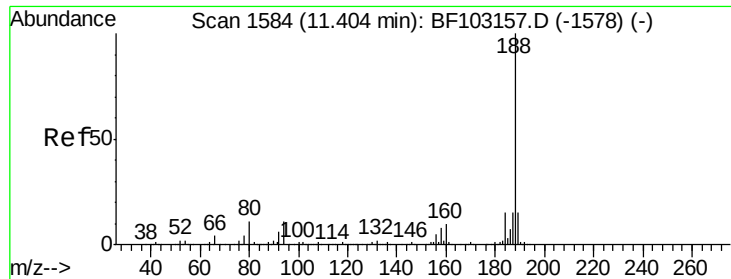
Sohil
3/1/2018 11:43:36 AM



#62
Azobenzene
Concen: 35.406 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.8	1.7	41.7
105	24.6	3.0	43.0
51	32.1	9.9	49.9





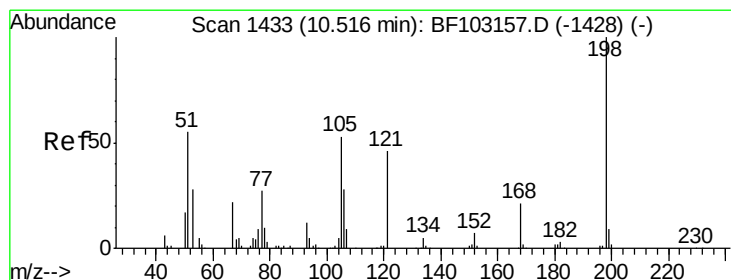
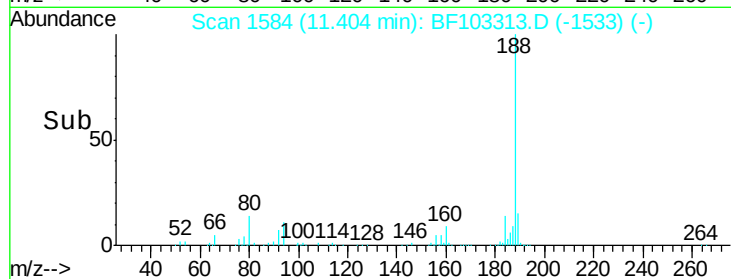
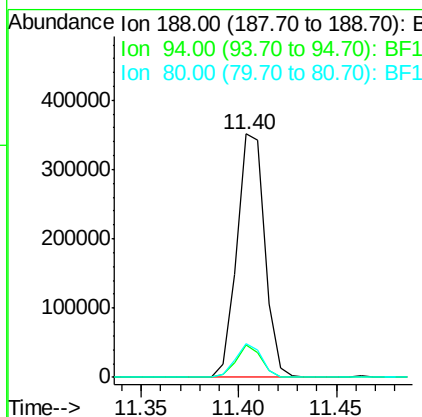
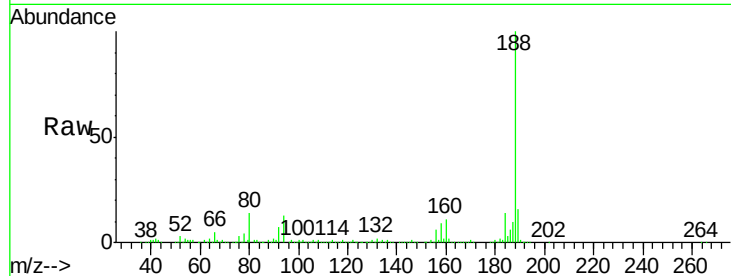
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampleId :
SP-28MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	348733		
94	13.2	8.5	12.7#	
80	13.9	9.2	13.8#	

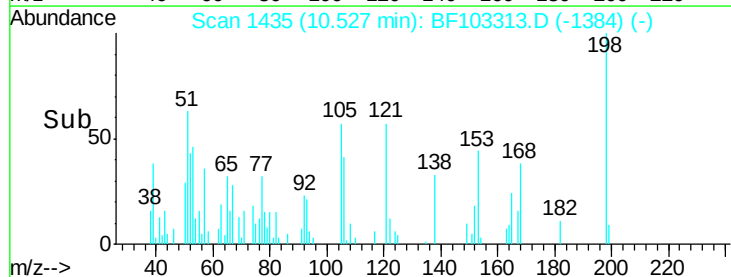
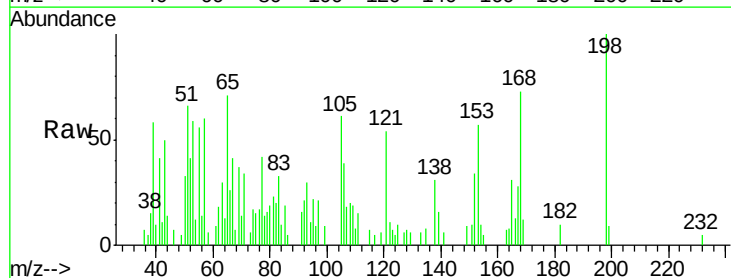
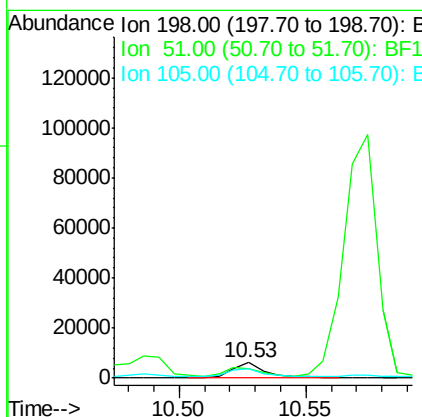
Manual Integrations
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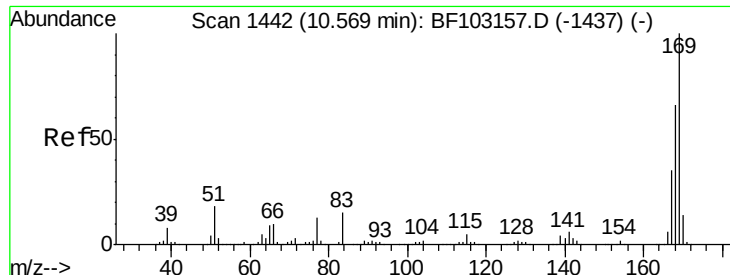
Sohil
3/1/2018 11:43:36 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 7.262 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	5480		
51	66.2	37.7	77.7	
105	61.0	36.3	76.3	





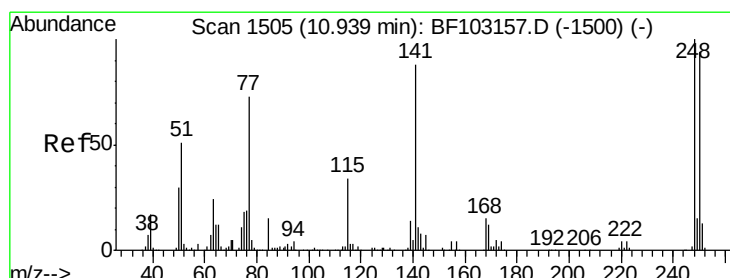
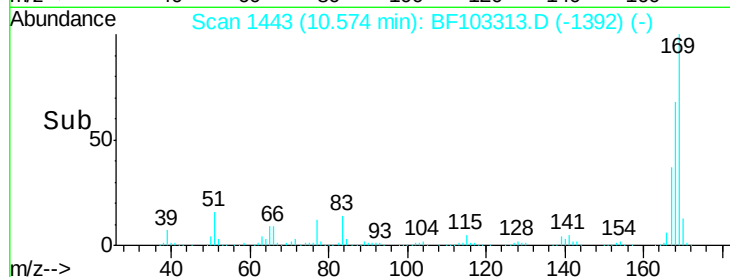
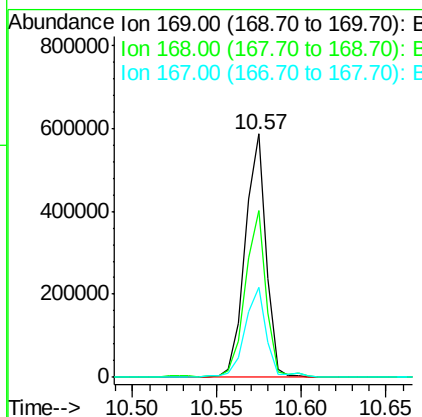
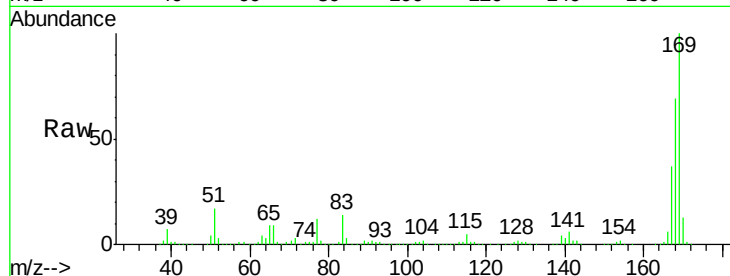
#65
 n-Nitrosodiphenylamine
 Concen: 41.571 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 SP-28MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.7	54.4	81.6
167	37.2	29.8	44.6

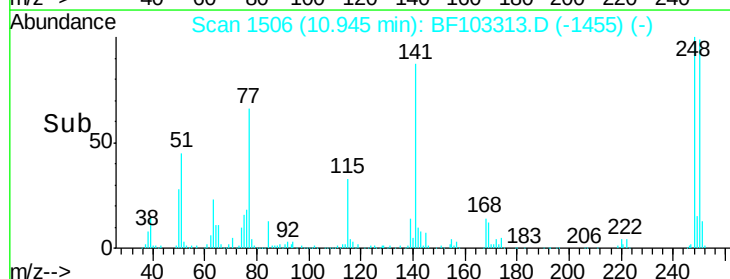
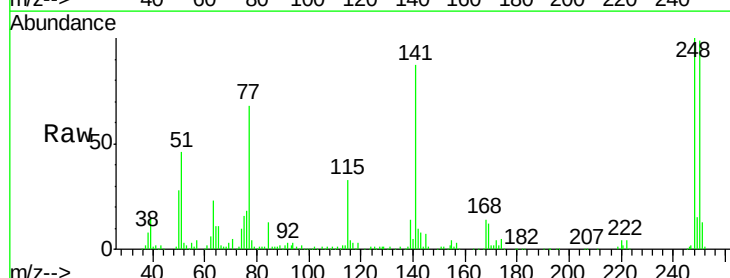
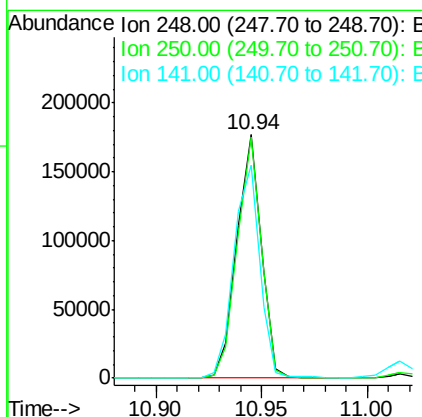
Manual Integrations
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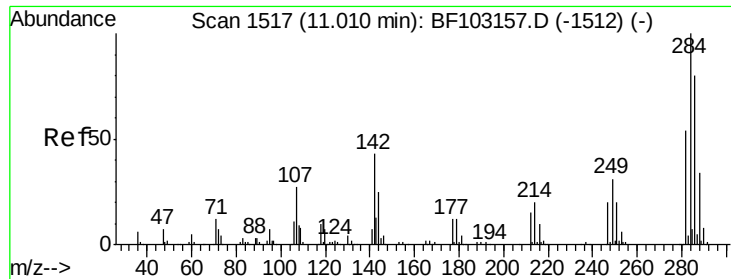
Sohil
 3/1/2018 11:43:36 AM



#66
 4-Bromophenyl-phenylether
 Concen: 38.949 ng
 RT: 10.94 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.2	76.9	115.3
141	87.4	74.4	111.6





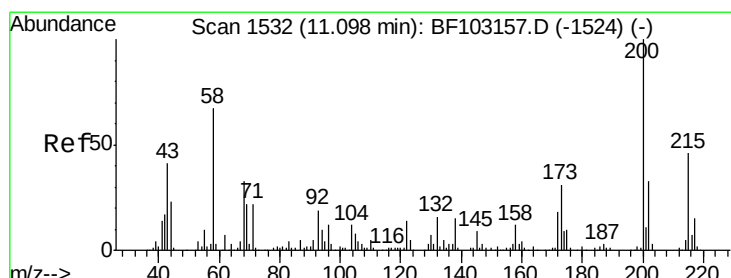
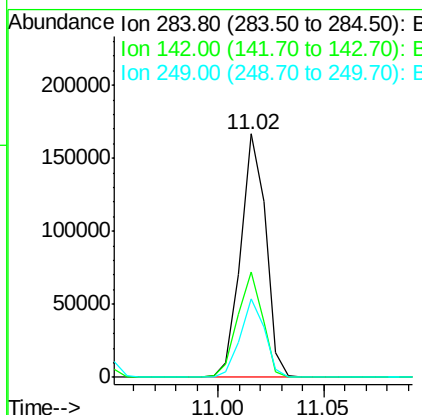
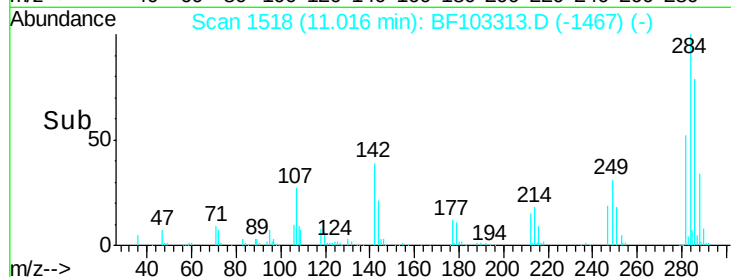
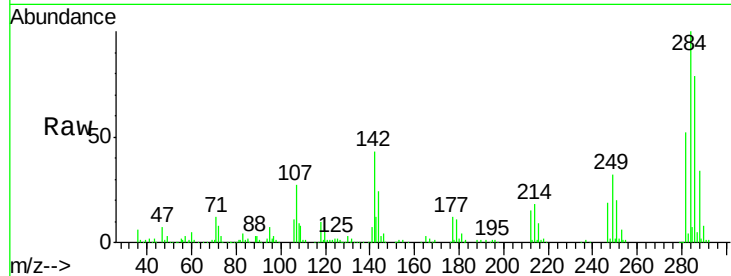
#67
Hexachlorobenzene
Concen: 34.675 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampled :
SP-28MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	43.3	34.6	52.0
249	32.2	24.8	37.2

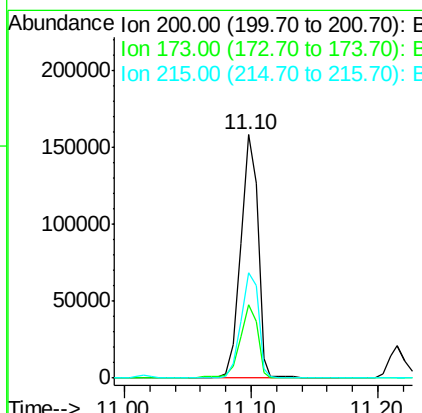
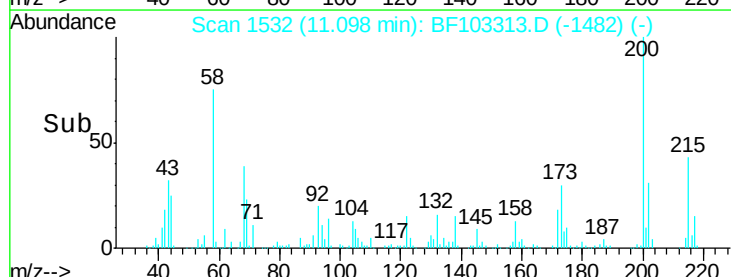
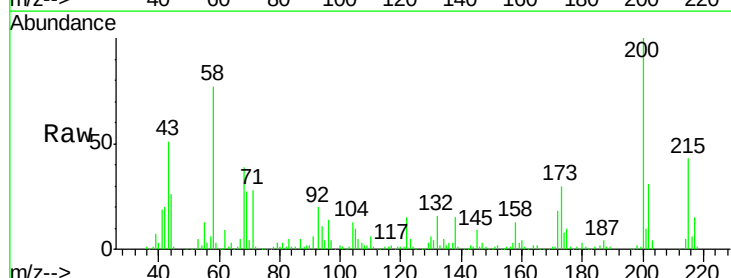
Manual Integrations
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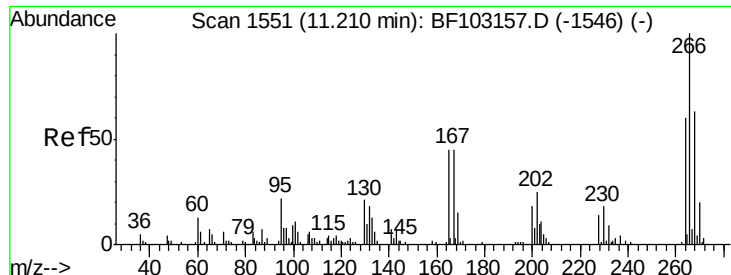
Sohil
3/1/2018 11:43:36 AM



#68
Atrazine
Concen: 40.322 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.0	8.6	48.6
215	43.2	25.1	65.1





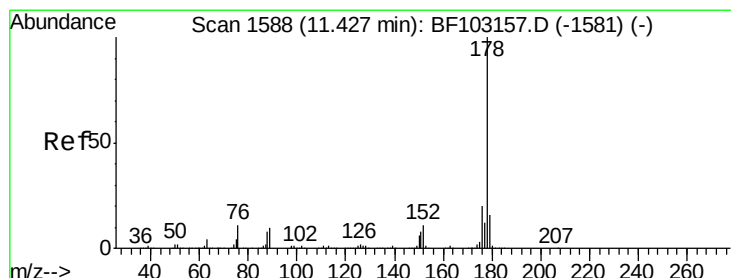
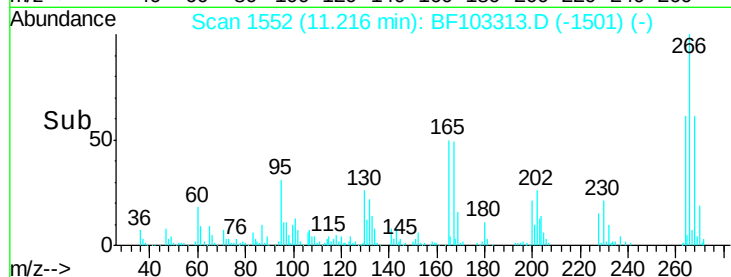
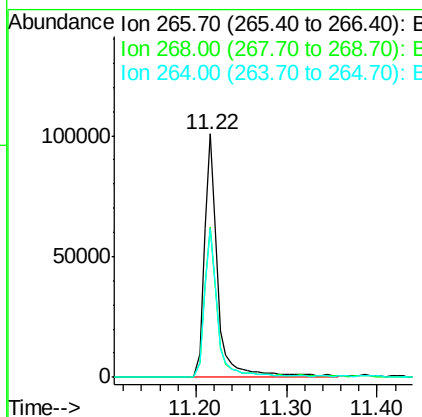
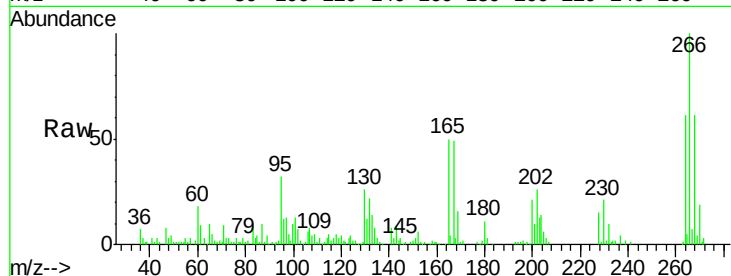
#69
 Pentachlorophenol
 Concen: 55.701 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 SP-28MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.4	51.1	76.7
264	61.4	49.5	74.3

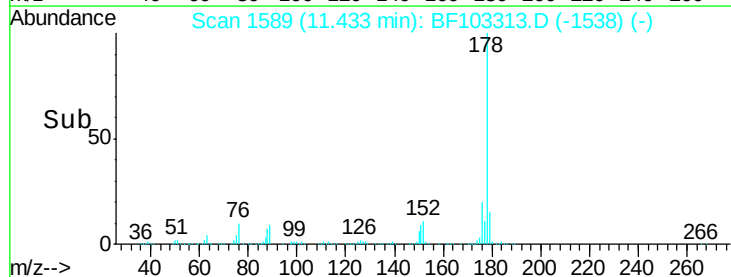
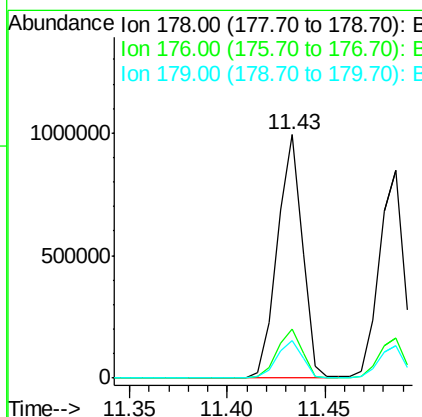
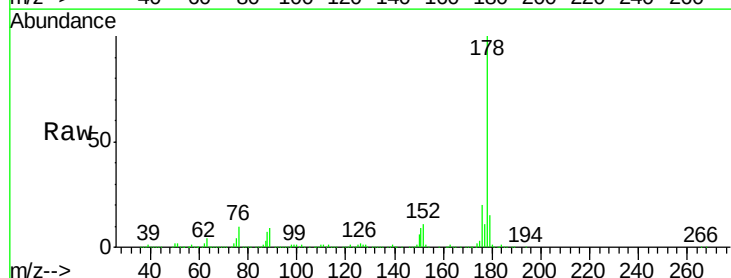
Manual Integrations
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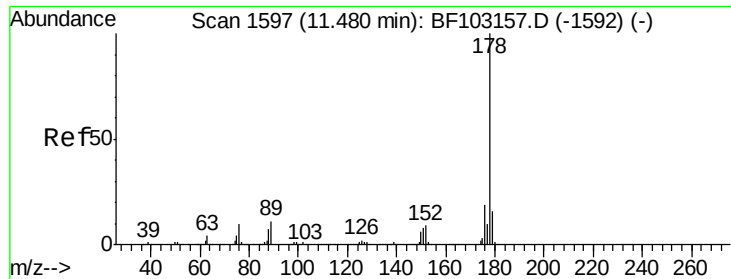
Sohil
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#70
 Phenanthrene
 Concen: 45.961 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.4	13.0	19.6





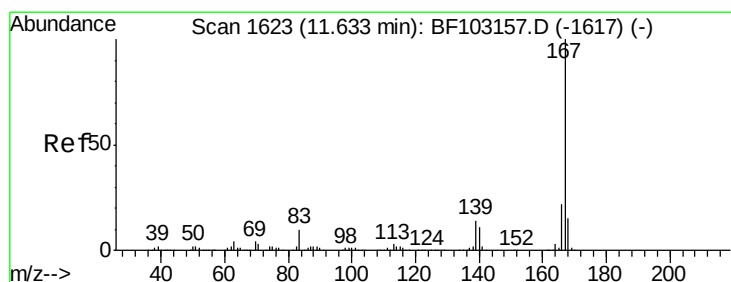
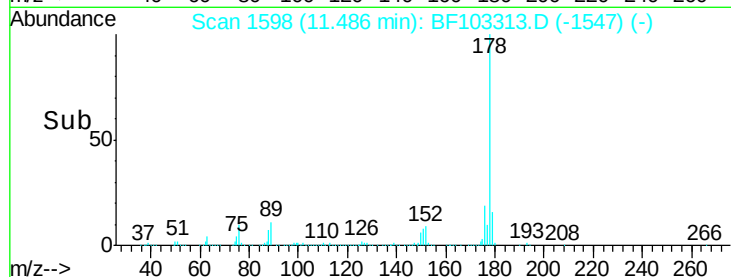
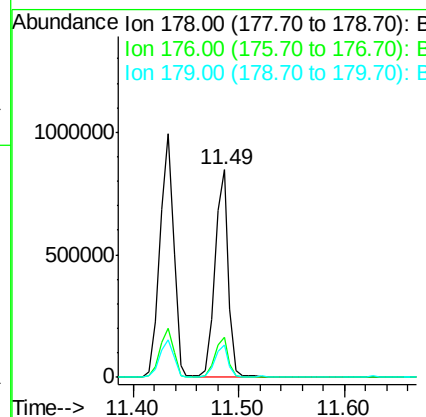
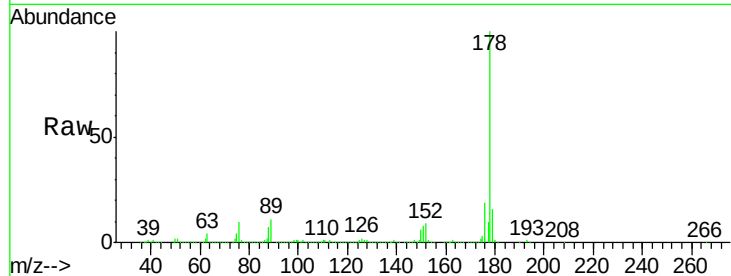
#71
 Anthracene
 Concen: 38.239 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 SP-28MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.8	12.6	19.0

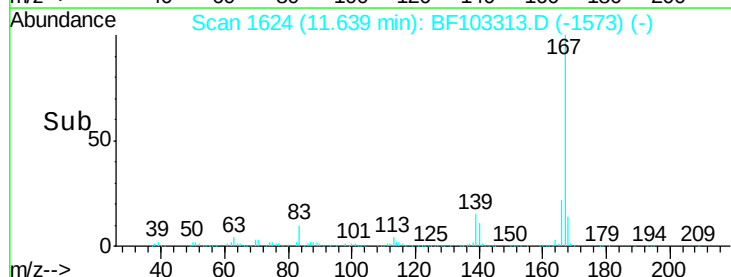
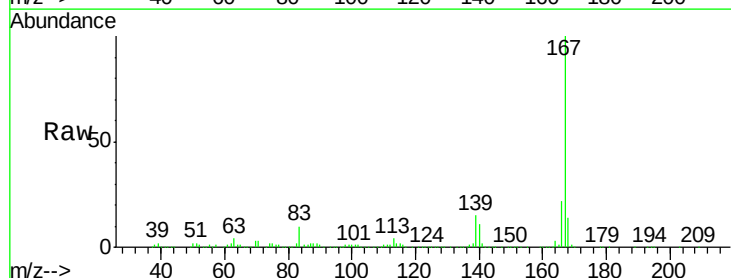
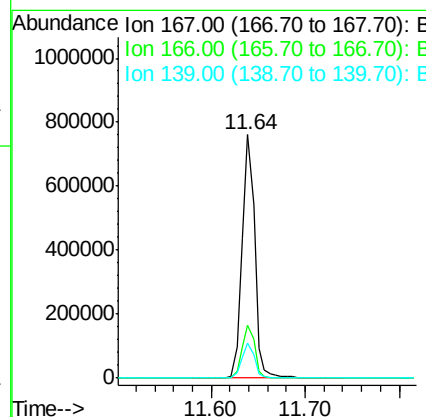
Manual Integrations
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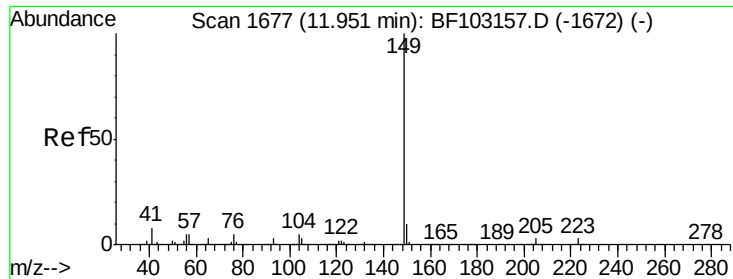
Sohil
 3/1/2018 11:43:36 AM



#72
 Carbazole
 Concen: 36.252 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	14.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.032 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

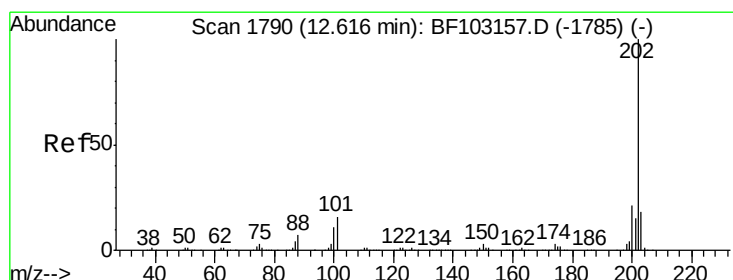
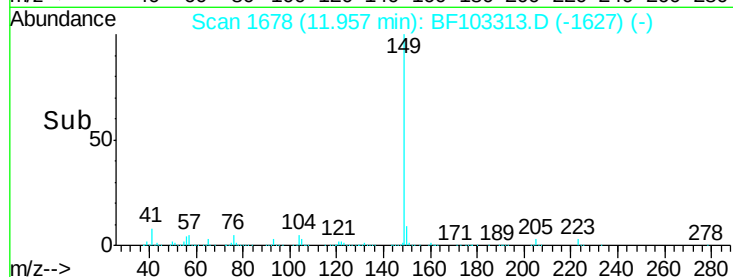
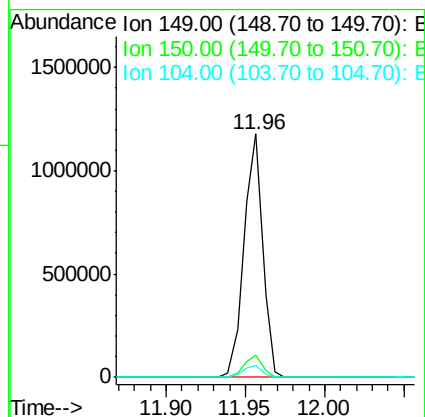
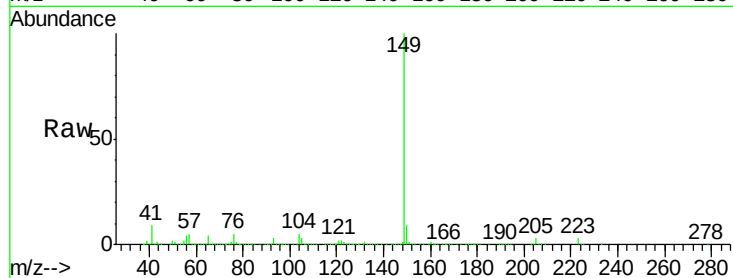
ClientSampleId :

SP-28MS

Tot Ion:	149	Resp:	957176
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	5.1	3.8	5.8

Manual Integrations
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3/1/2018 11:43:36 AM



#74

Fluoranthene

Concen: 45.016 ng

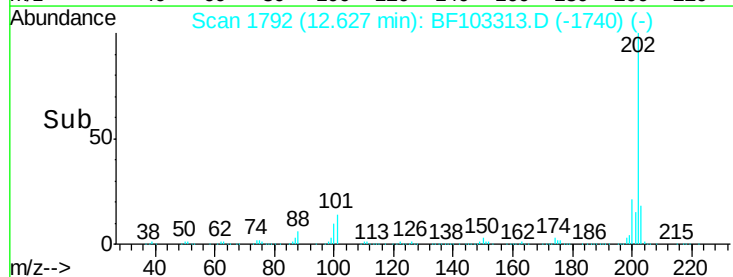
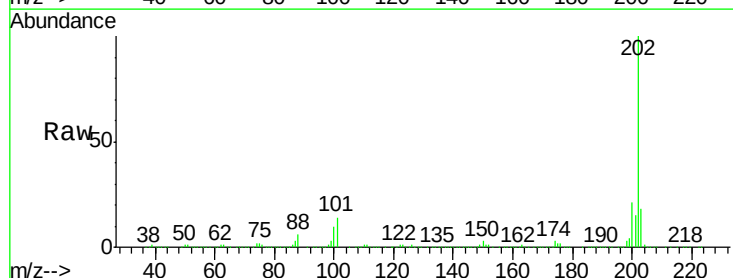
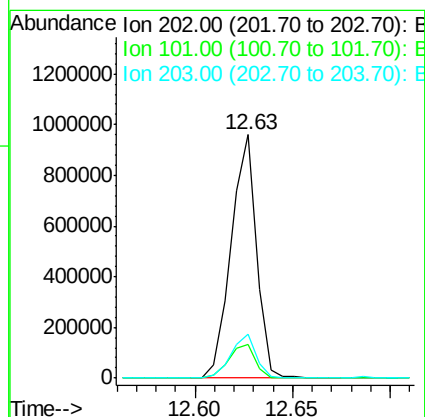
RT: 12.63 min Scan# 1792

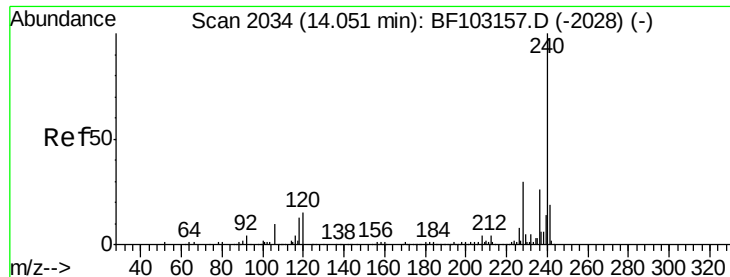
Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Tgt Ion:	202	Resp:	868157
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

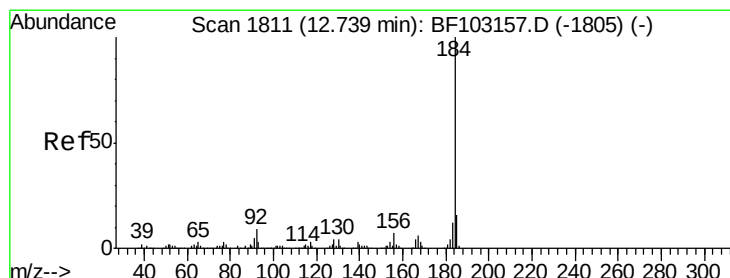
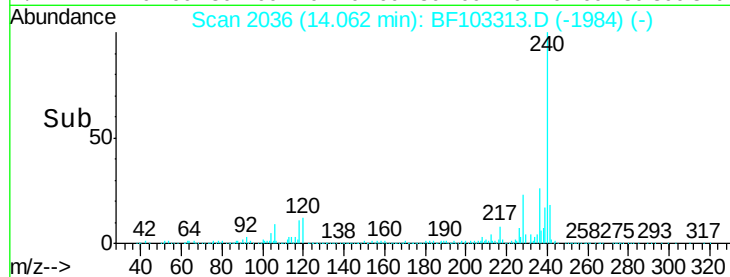
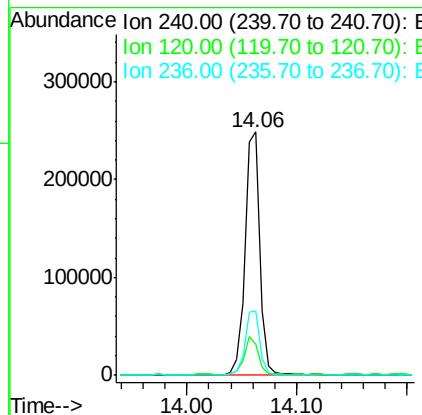
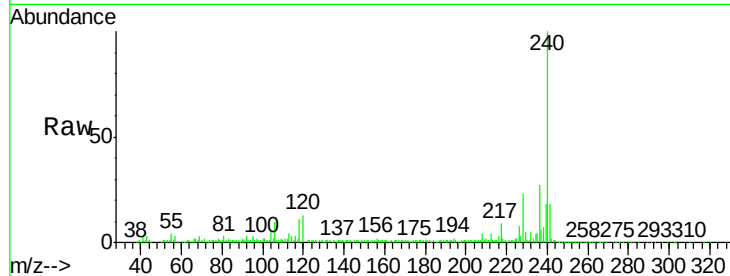
ClientSampleId :

SP-28MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.7	20.7	31.1

Manual Integrations
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3/1/2018 11:43:36 AM



#76

Benzidine

Concen: 34.003 ng

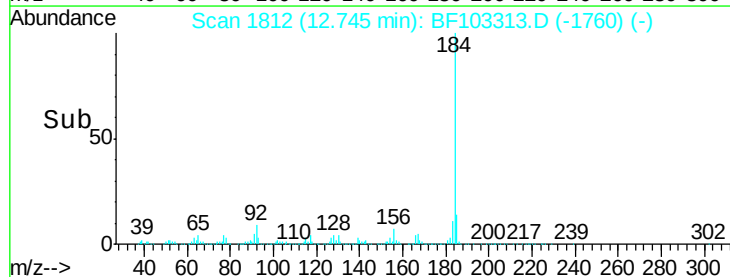
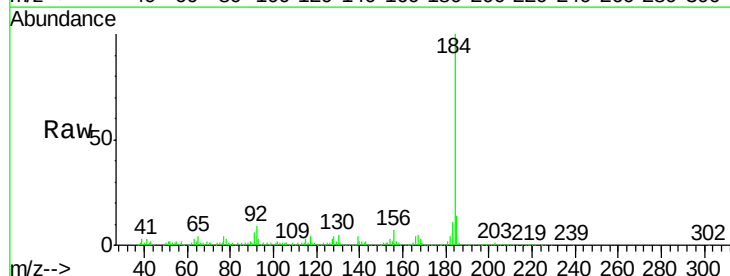
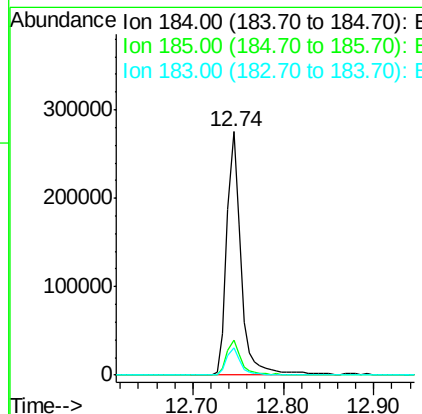
RT: 12.74 min Scan# 1812

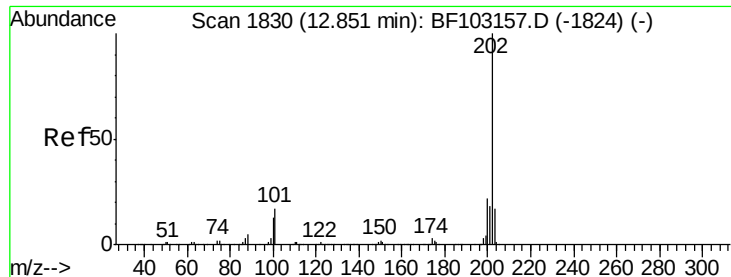
Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	11.1	9.3	13.9





#77

Pvrene

Concen: 47.737 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

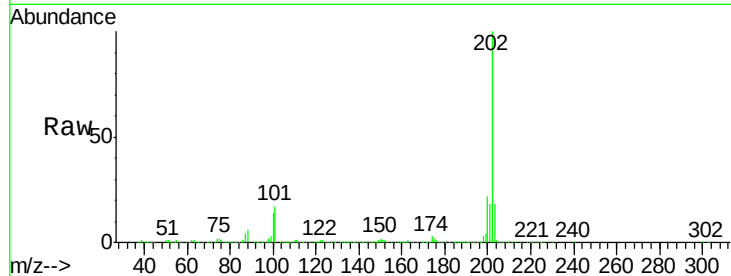
ClientSampleId :

SP-28MS

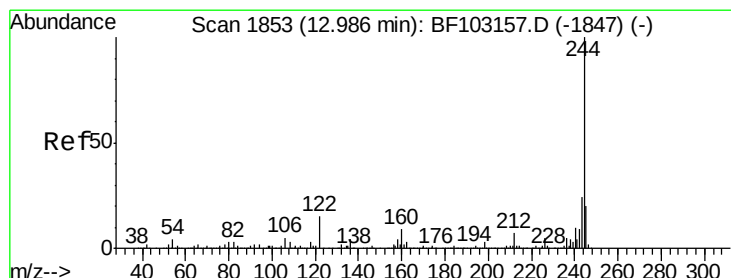
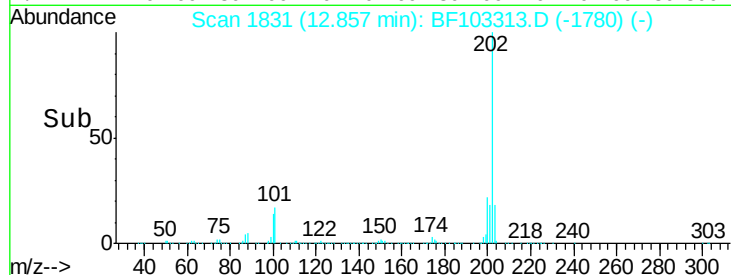
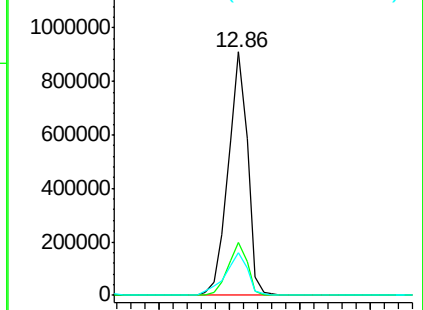
Tot Ion:	202	Resp:	868435
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	17.7	14.3	21.5

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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: 69.292 ng

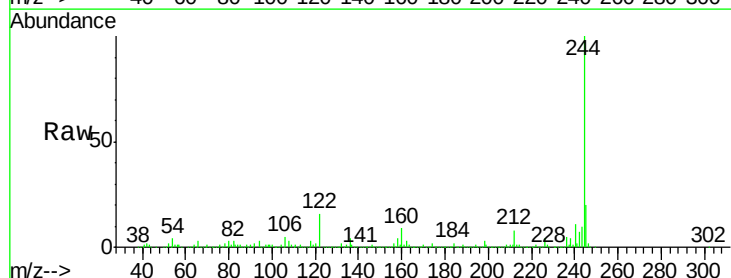
RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

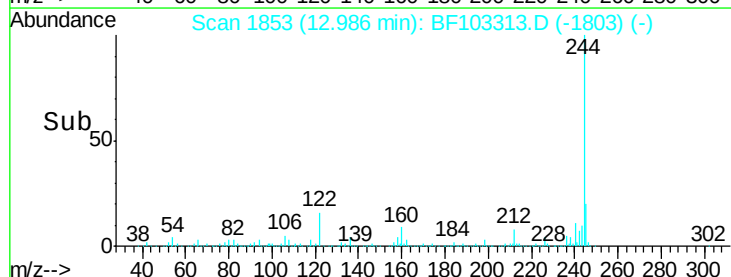
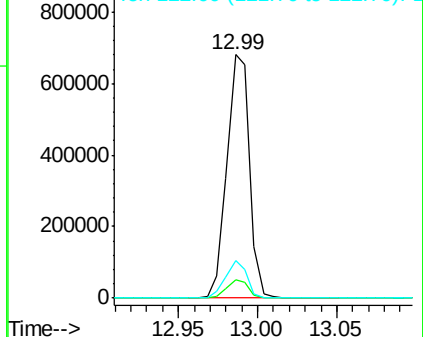
Lab File: BF103313.D

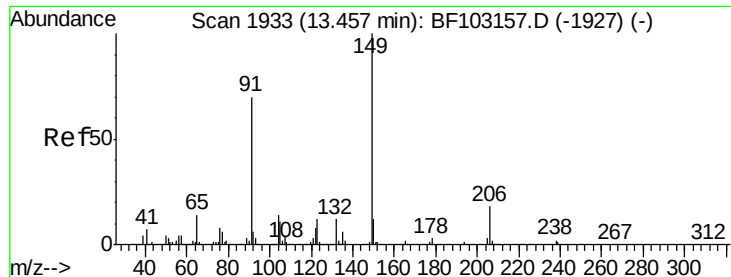
Acq: 1 Mar 2018 00:18

Tgt Ion:	244	Resp:	672594
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.4	8.0
122	15.7	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





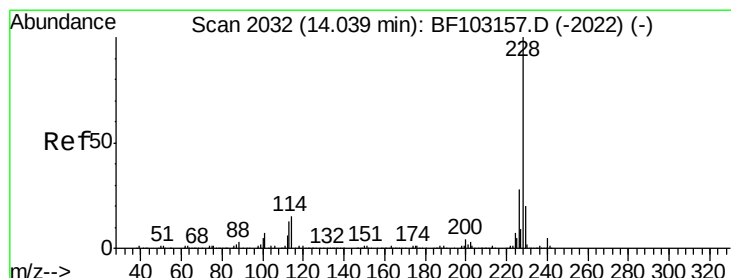
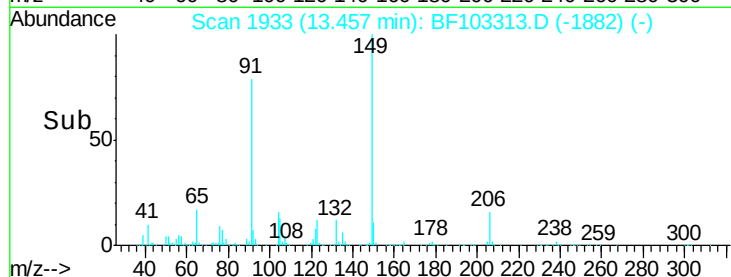
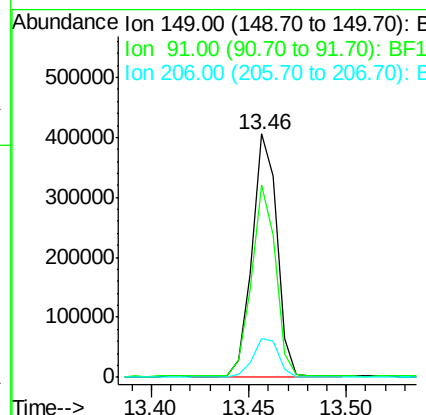
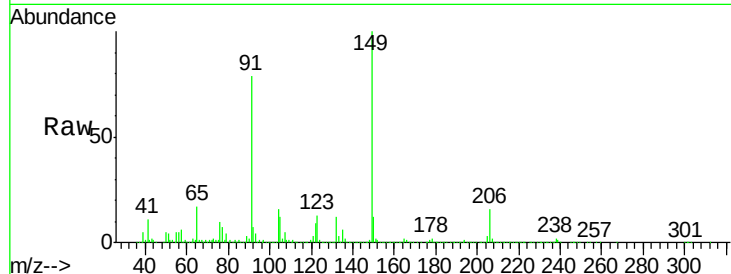
#79
Butylbenzylphthalate
Concen: 36.862 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampled :
SP-28MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.2	56.8	85.2
206	15.9	14.1	21.1

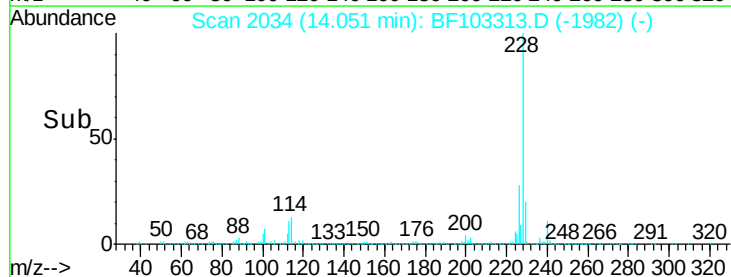
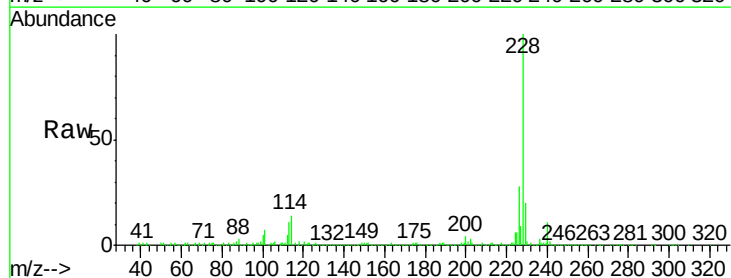
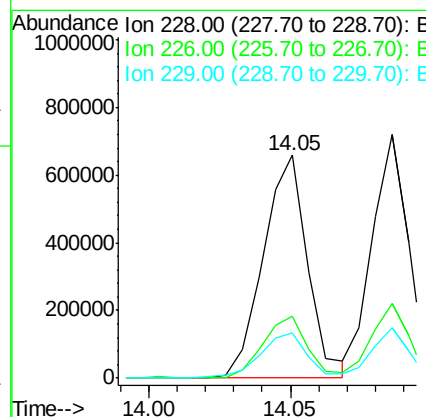
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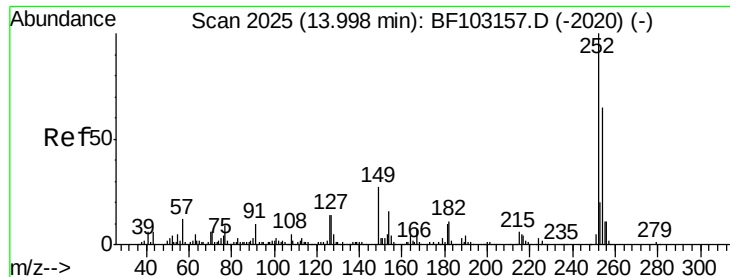
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#80
Benzo(a)anthracene
Concen: 46.983 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.3	15.8	23.6





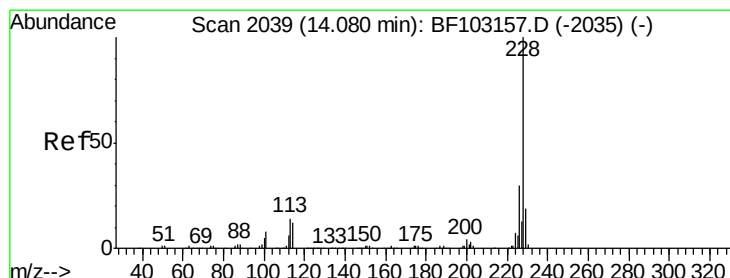
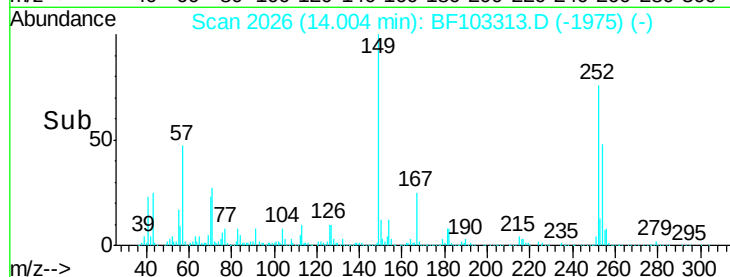
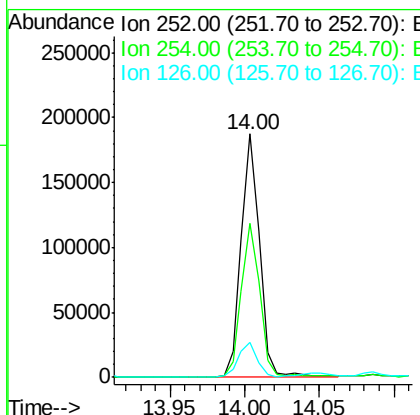
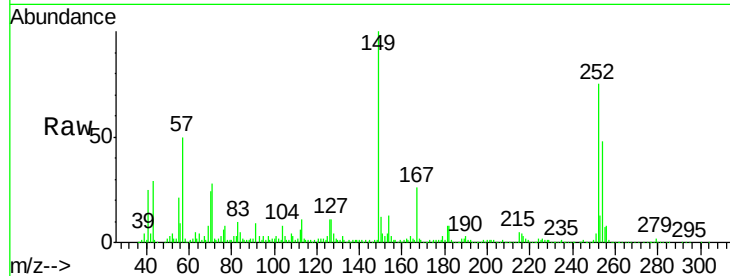
#81
 3,3'-Dichlorobenzidine
 Concen: 29.939 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Instrument :
 BNA_F
 ClientSampled :
 SP-28MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.4	75.6
126	14.2	11.3	16.9

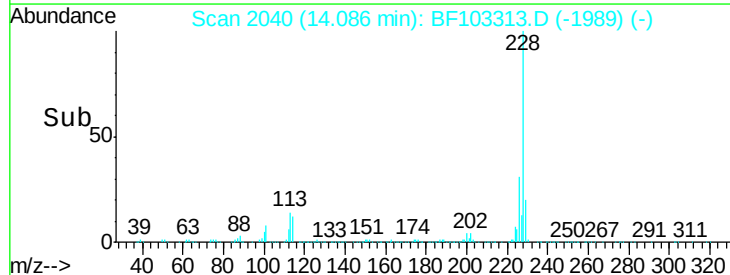
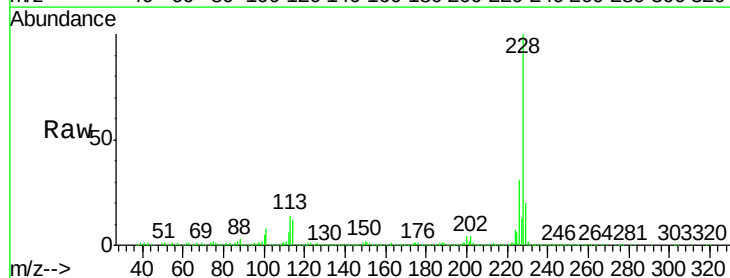
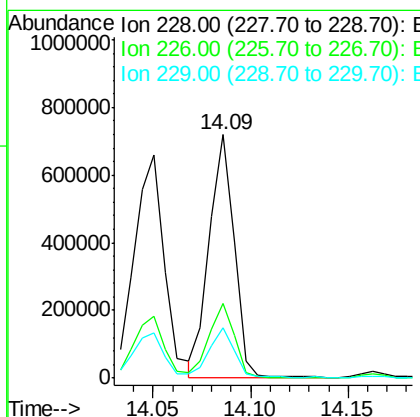
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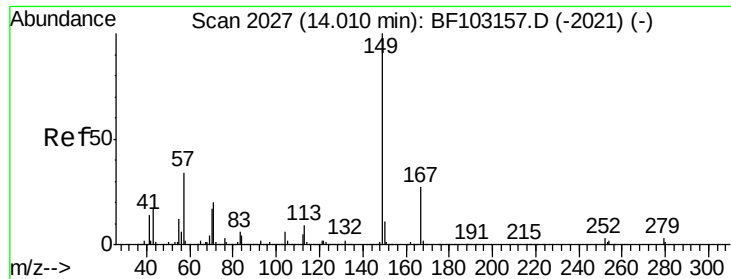
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#82
 Chrysene
 Concen: 43.537 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 136.411 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

ClientSampleId :

SP-28MS

Tot Ion:149 Resp: 1769331

Ion Ratio Lower Upper

149 100

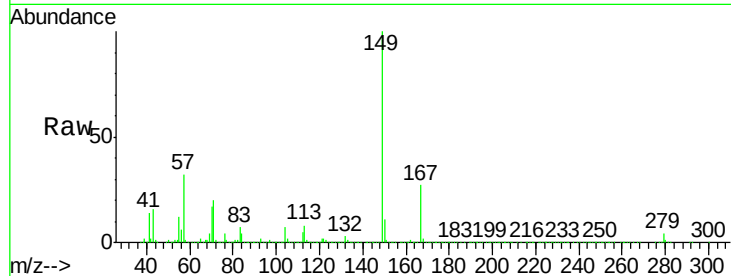
167 26.7 21.3 31.9

279 3.7 3.0 4.4

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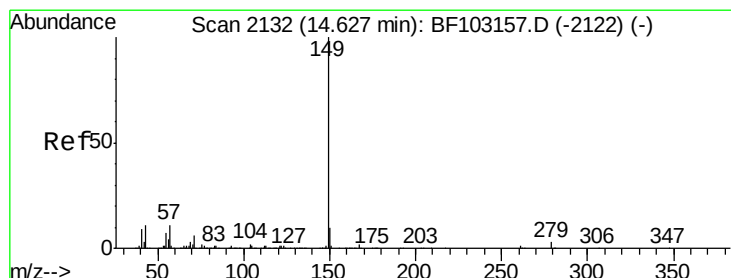
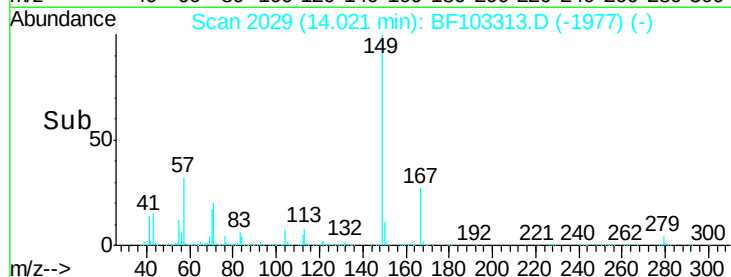
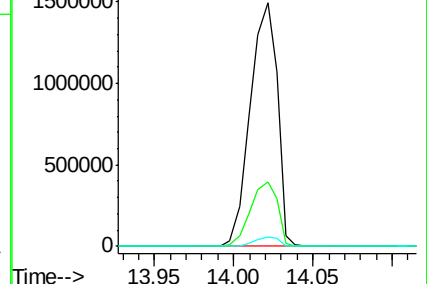
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.749 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

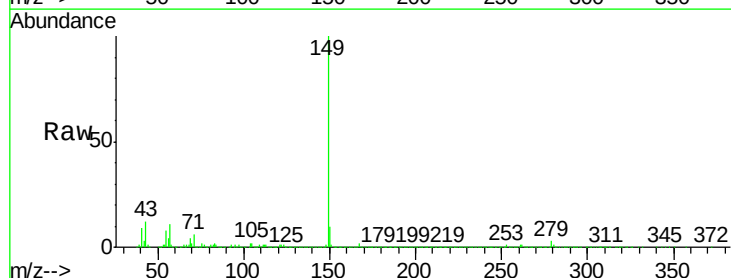
Tgt Ion:149 Resp: 832994

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

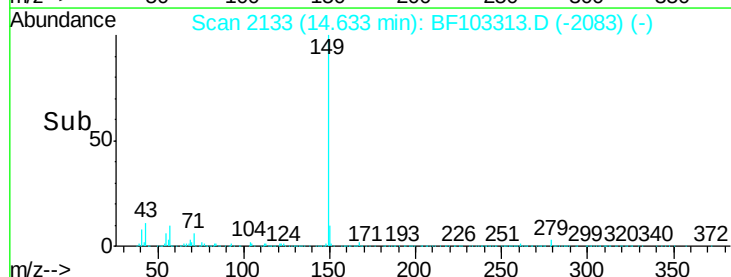
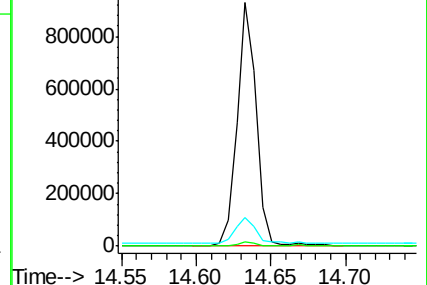
43 11.1 8.4 12.6

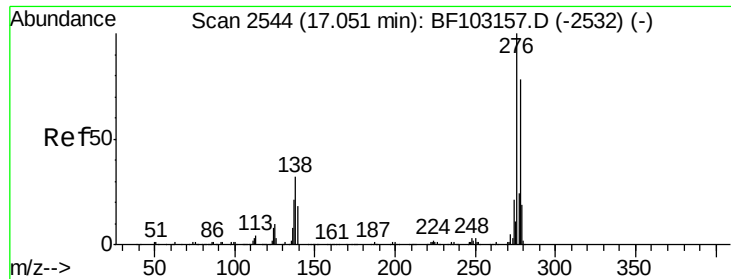


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.096 ng

RT: 17.09 min Scan# 2551

Delta R.T. 0.01 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Instrument :

BNA_F

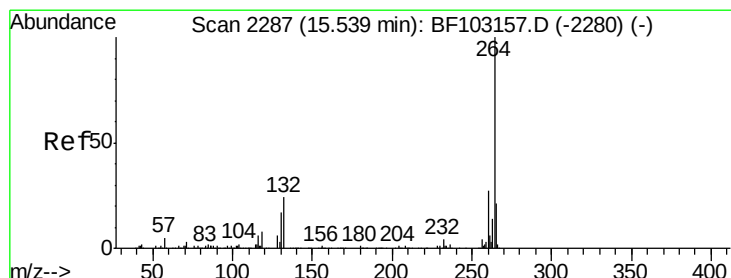
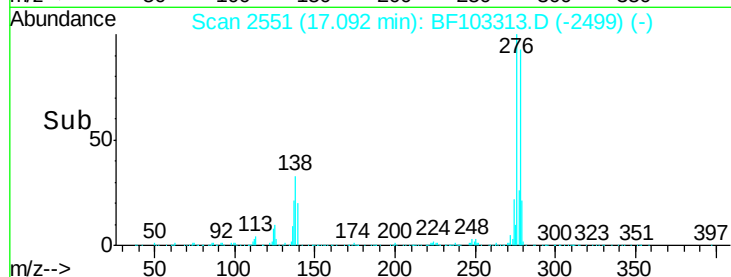
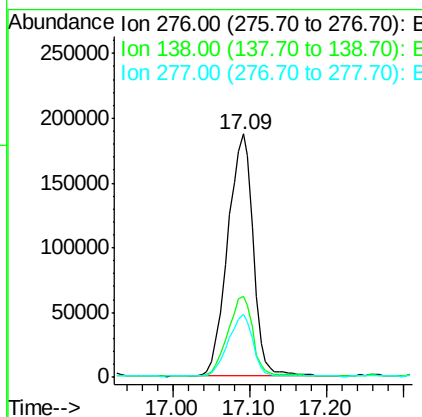
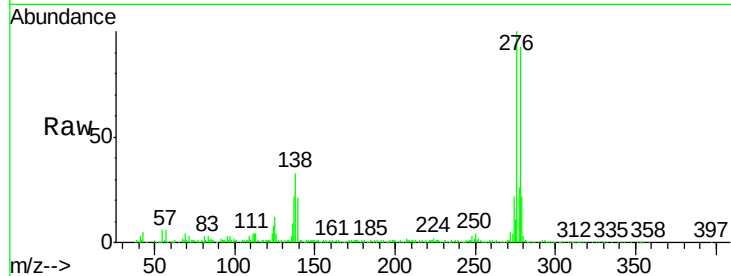
ClientSampleId :

SP-28MS

Tot Ion:	276	Resp:	431716
Ion Ratio	Lower	Upper	
276	100		
138	32.9	25.0	37.6
277	23.9	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

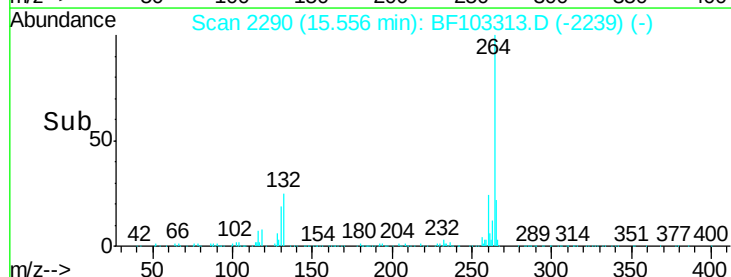
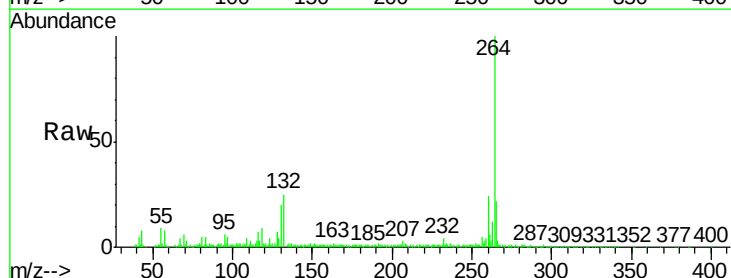
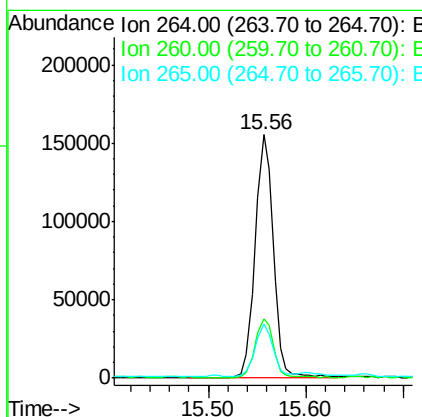
RT: 15.56 min Scan# 2290

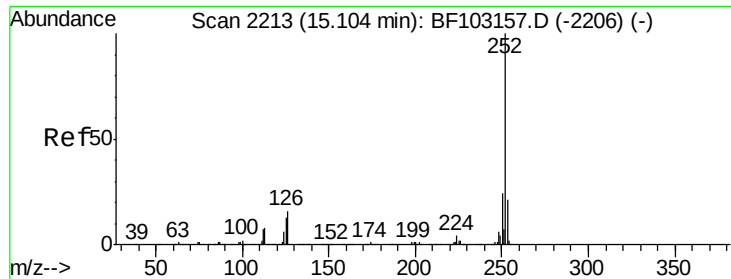
Delta R.T. -0.00 min

Lab File: BF103313.D

Acq: 1 Mar 2018 00:18

Tgt Ion:	264	Resp:	201508
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	22.2	17.5	26.3





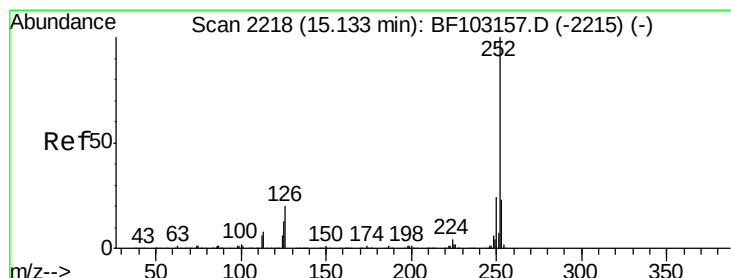
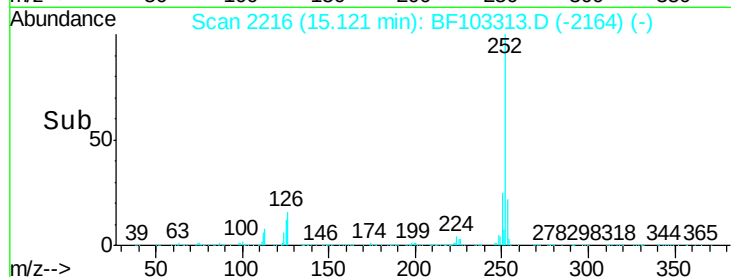
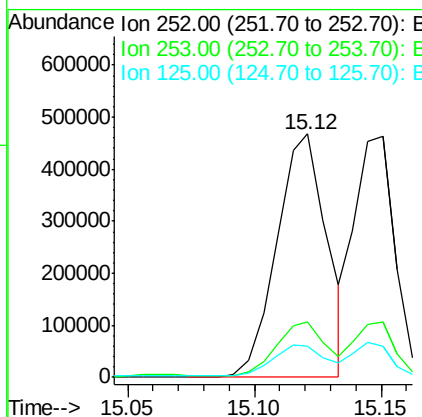
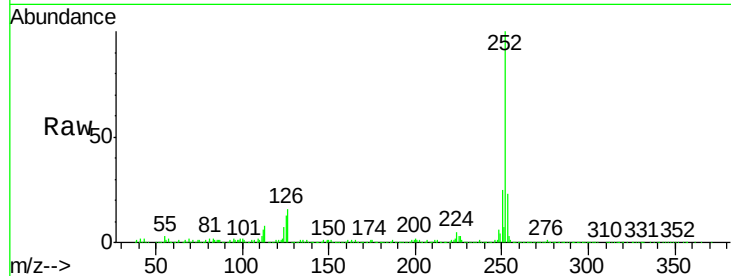
#87
Benzo(b)fluoranthene
Concen: 48.278 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampleId :
SP-28MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	13.0	9.0	13.6

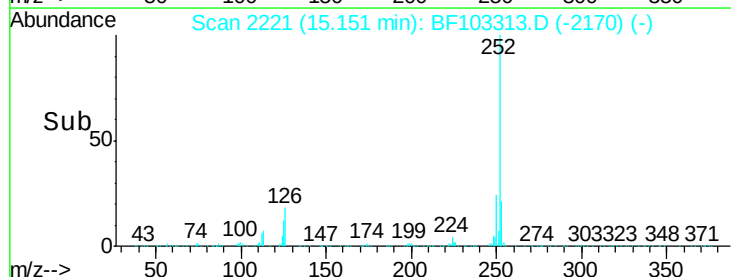
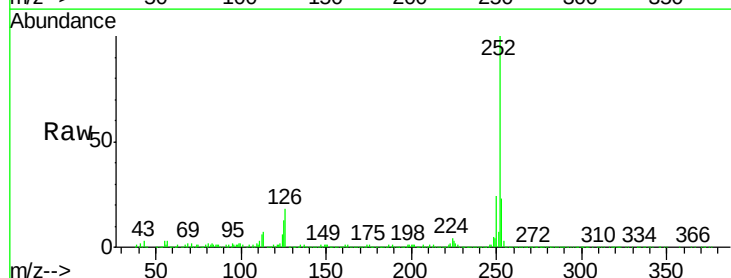
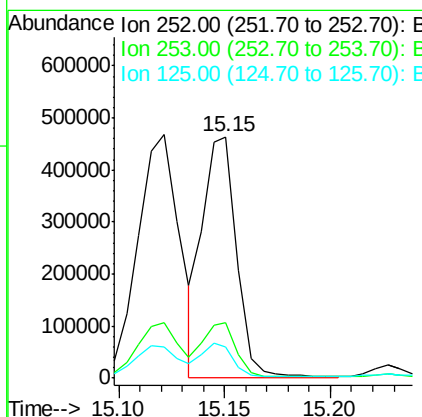
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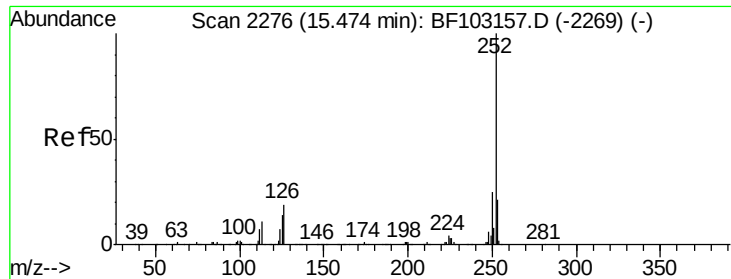
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#88
Benzo(k)fluoranthene
Concen: 41.611 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	12.7	10.2	15.2





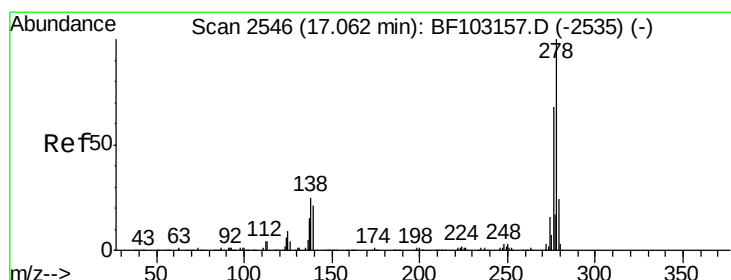
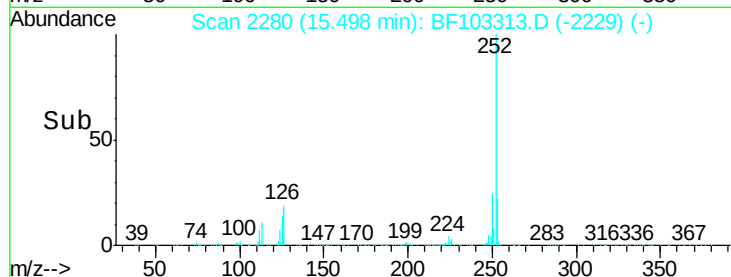
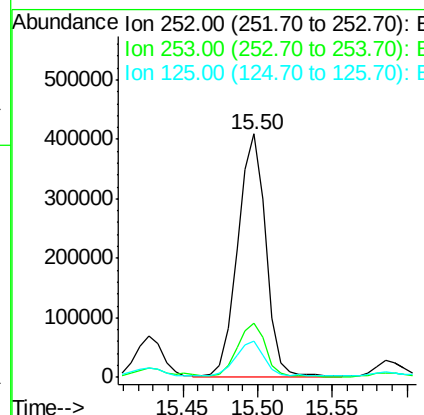
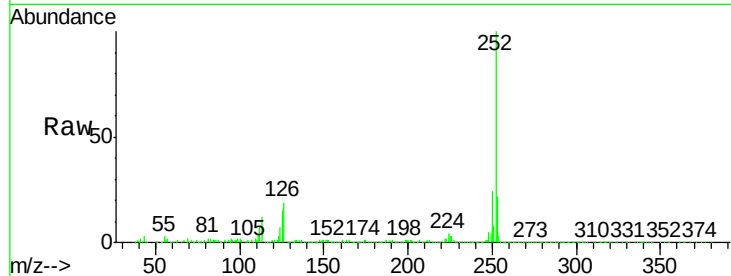
#89
Benzo(a)pyrene
Concen: 45.337 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Instrument :
BNA_F
ClientSampleId :
SP-28MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	15.1	9.8	14.6

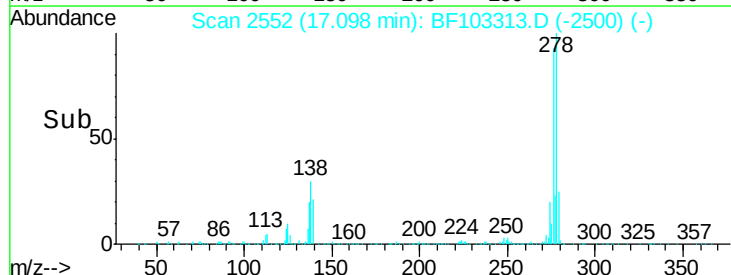
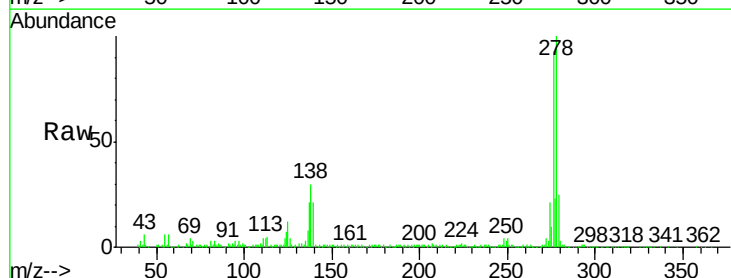
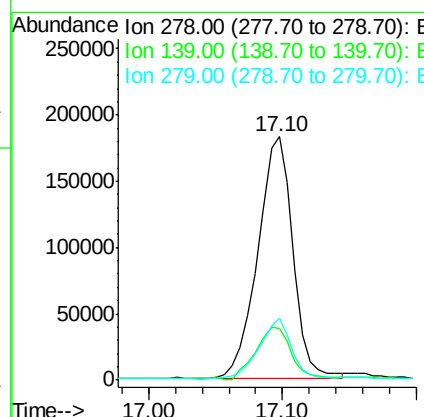
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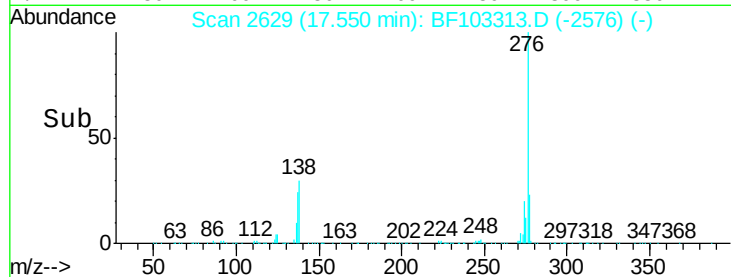
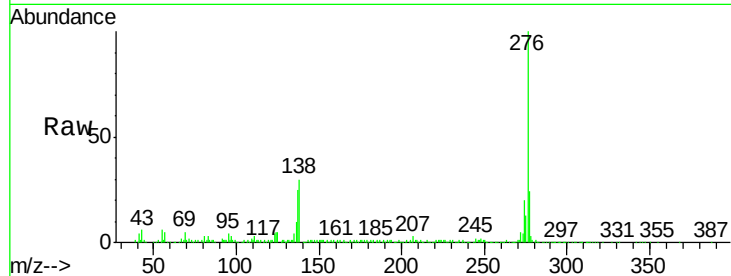
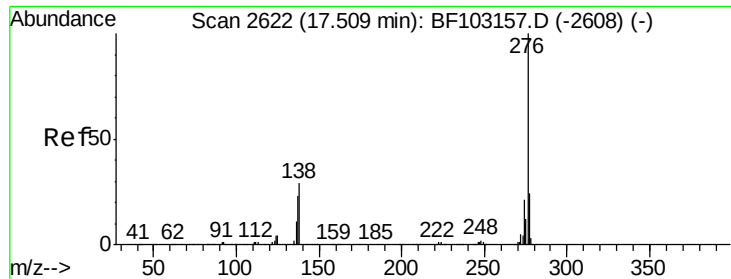
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#90
Dibenzo(a,h)anthracene
Concen: 36.185 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BF103313.D
Acq: 1 Mar 2018 00:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	15.9	23.9
279	25.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.202 ng
 RT: 17.55 min Scan# 2629
 Delta R.T. 0.01 min
 Lab File: BF103313.D
 Acq: 1 Mar 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 SP-28MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	30.2	21.8	32.8

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