

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104102.D
 Acq On : 30 Mar 2018 19:34
 Operator : JU/SJ
 Sample : J2146-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-CSMSD

Manual Integrations
 APPROVED

Sohil
 4/2/2018 5:05:46 PM

Quant Time: Mar 30 23:46:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	126009	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	530701	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	253452	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	453067	20.00	ng	0.00
75) Chrysene-d12	14.15	240	300500	20.00	ng	0.00
86) Perylene-d12	15.68	264	247393	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1028794	130.20	ng	0.02
7) Phenol-d6	6.60	99	1258244	129.43	ng	0.01
23) Nitrobenzene-d5	7.53	82	798268	91.99	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	375216	132.95	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1458930	90.77	ng	0.00
78) Terphenyl-d14	13.08	244	1410306	108.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	111732	32.787	ng	# 88
3) Pyridine	3.66	79	229568	26.610	ng	86
4) n-Nitrosodimethylamine	3.63	42	94352	36.794	ng	# 73
6) Aniline	6.63	93	409735	35.208	ng	# 86
8) 2-Chlorophenol	6.75	128	387191	44.672	ng	96
9) Benzaldehyde	6.52	77	120134	20.436	ng	97
10) Phenol	6.62	94	524494	48.694	ng	96
11) bis(2-Chloroethyl)ether	6.70	93	390689	42.092	ng	91
12) 1,3-Dichlorobenzene	6.90	146	378191	38.816	ng	98
13) 1,4-Dichlorobenzene	6.97	146	431332	41.316	ng	100
14) 1,2-Dichlorobenzene	7.13	146	376526	40.126	ng	98
15) Benzyl Alcohol	7.10	79	275635	43.609	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	416135	41.153	ng	52
17) 2-Methylphenol	7.21	107	306626	43.465	ng	# 92
18) Hexachloroethane	7.46	117	142987	40.908	ng	99
19) n-Nitroso-di-n-propylamine	7.37	70	248492	43.073	ng	93
20) 3+4-Methylphenols	7.36	107	406746	45.178	ng	# 75
22) Acetophenone	7.37	105	541357	42.161	ng	# 96
24) Nitrobenzene	7.55	77	369787	40.500	ng	98
25) Isophorone	7.77	82	720900	45.077	ng	99
26) 2-Nitrophenol	7.86	139	221736	46.524	ng	93
27) 2,4-Dimethylphenol	7.89	122	348240	50.663	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	466114	46.503	ng	99
29) 2,4-Dichlorophenol	8.10	162	336243	46.833	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	335192	41.148	ng	99
31) Naphthalene	8.26	128	1173850	45.276	ng	100
32) Benzoic acid	8.00	122	70917	14.084	ng	88
33) 4-Chloroaniline	8.32	127	354383	32.422	ng	97
34) Hexachlorobutadiene	8.37	225	176178	39.744	ng	99
35) Caprolactam	8.69	113	94426m	41.479	ng	
36) 4-Chloro-3-methylphenol	8.80	107	356745	46.977	ng	99
37) 2-Methylnaphthalene	8.95	142	728961	42.684	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	334758	43.071	ng	99
40) Hexachlorocyclopentadiene	9.10	237	274686	75.415	ng	97

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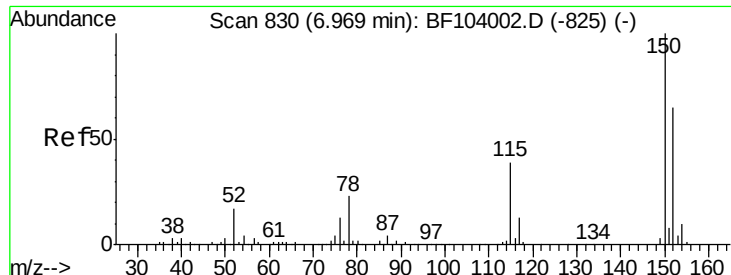
Manual Integrations
 APPROVED

Sohil
 4/2/2018 5:05:46 PM

Quant Time: Mar 30 23:46:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	212344	43.146	ng	98
43) 2,4,5-Trichlorophenol	9.28	196	251790	42.372	ng	97
45) 1,1'-Biphenyl	9.42	154	897857	41.275	ng	99
46) 2-Chloronaphthalene	9.45	162	717759	41.830	ng	99
47) 2-Nitroaniline	9.55	65	210768	43.076	ng	94
48) Acenaphthylene	9.86	152	1049259	40.363	ng	100
49) Dimethylphthalate	9.72	163	960845	48.016	ng	100
50) 2,6-Dinitrotoluene	9.79	165	187634	43.584	ng	97
51) Acenaphthene	10.03	154	588368	39.125	ng	100
52) 3-Nitroaniline	9.97	138	156704	31.664	ng	96
53) 2,4-Dinitrophenol	10.07	184	104398	57.249	ng	# 26
54) Dibenzofuran	10.21	168	915080	41.670	ng	98
55) 4-Nitrophenol	10.14	139	236158	79.584	ng	98
56) 2,4-Dinitrotoluene	10.20	165	236246	43.004	ng	# 97
57) Fluorene	10.55	166	747347	41.256	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	195268	43.860	ng	90
59) Diethylphthalate	10.42	149	791123	41.268	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	352122	42.323	ng	94
61) 4-Nitroaniline	10.60	138	187529	40.497	ng	92
62) Azobenzene	10.70	77	737648	42.554	ng	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	100199	36.535	ng	83
65) n-Nitrosodiphenylamine	10.66	169	671237	43.746	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	210963	43.523	ng	# 88
67) Hexachlorobenzene	11.10	284	237150	42.533	ng	# 92
68) Atrazine	11.19	200	210060	44.687	ng	99
69) Pentachlorophenol	11.30	266	231957	75.600	ng	97
70) Phenanthrene	11.52	178	1011115	41.220	ng	98
71) Anthracene	11.57	178	1155531	45.099	ng	99
72) Carbazole	11.73	167	1033339	42.256	ng	99
73) Di-n-butylphthalate	12.04	149	1214106	41.681	ng	99
74) Fluoranthene	12.72	202	1073517	41.172	ng	96
76) Benzidine	12.84	184	401554	46.891	ng	97
77) Pyrene	12.94	202	1052057	48.703	ng	99
79) Butylbenzylphthalate	13.54	149	490306	48.177	ng	93
80) Benzo(a)anthracene	14.14	228	792574	42.152	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	214996	34.544	ng	98
82) Chrysene	14.17	228	799898	43.434	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	664611	50.543	ng	100
84) Di-n-octyl phthalate	14.72	149	1057749	46.763	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.27	276	732454	38.380	ng	96
87) Benzo(b)fluoranthene	15.22	252	625981	41.577	ng	97
88) Benzo(k)fluoranthene	15.26	252	690177	48.663	ng	99
89) Benzo(a)pyrene	15.62	252	628088	45.017	ng	98
90) Dibenzo(a,h)anthracene	17.28	278	608688	47.186	ng	97
91) Benzo(g,h,i)perylene	17.74	276	617893	47.822	ng	97

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



#1

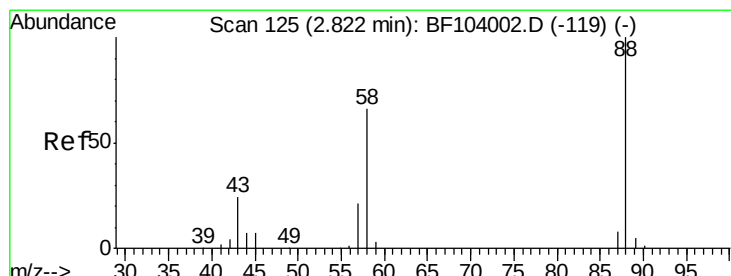
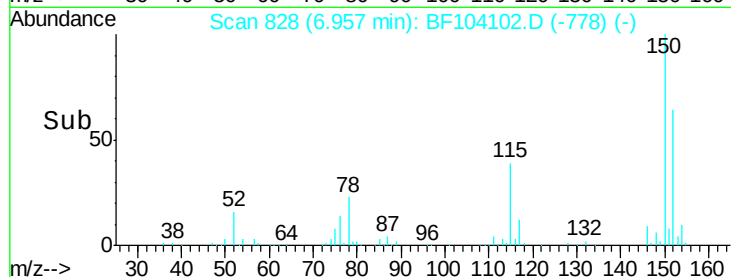
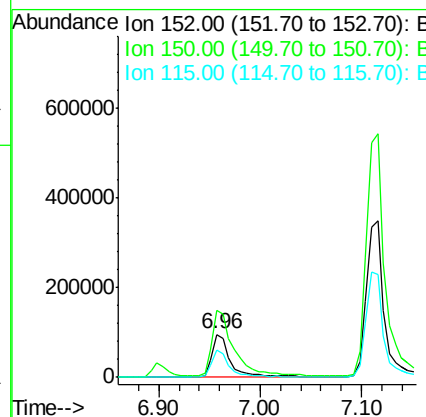
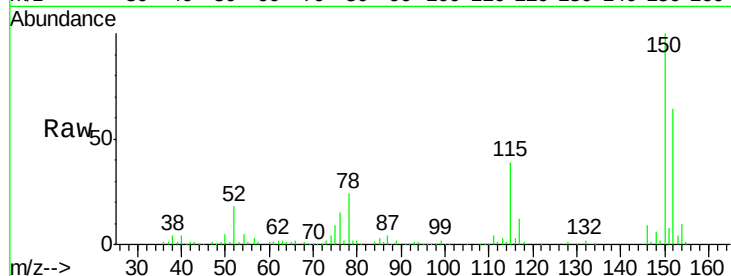
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampleId :
TP-CSMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	61.9	50.1	75.1

Manual Integrations
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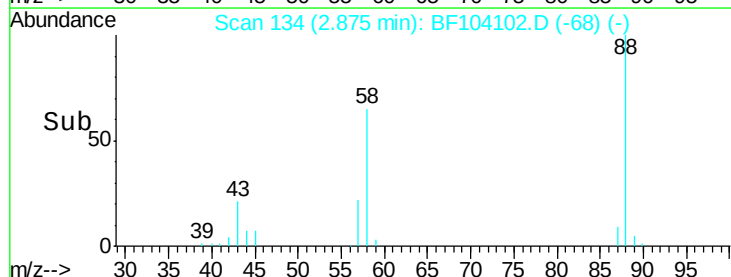
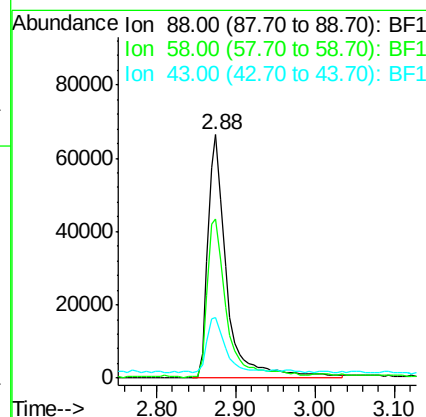
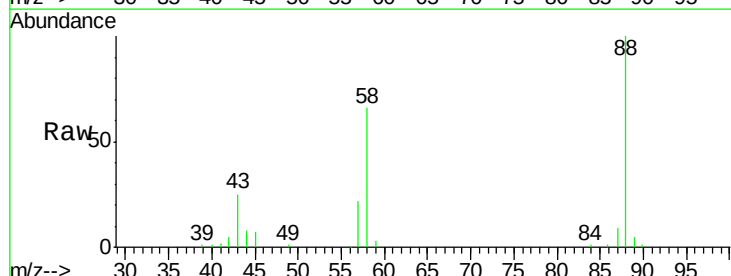
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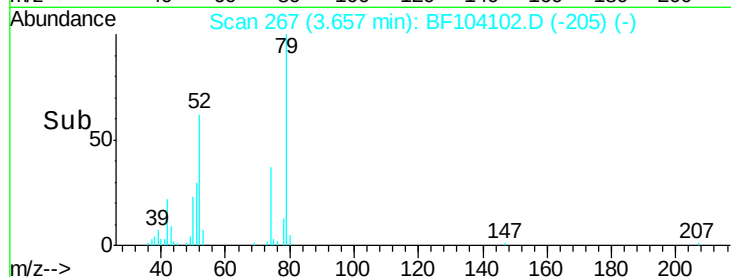
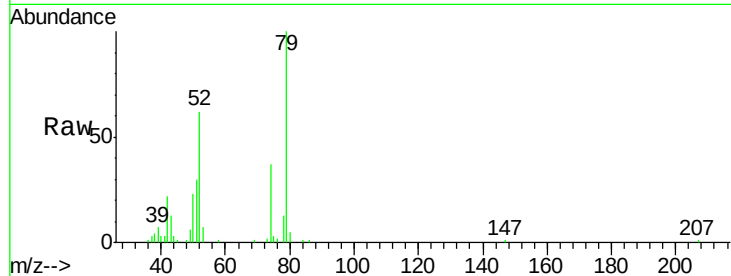
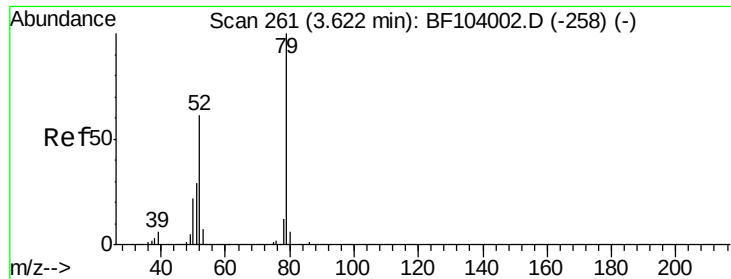


#2

1,4-Dioxane
Concen: 32.787 ng
RT: 2.88 min Scan# 134
Delta R.T. 0.09 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	62.6	93.8
43	22.2	24.6	37.0





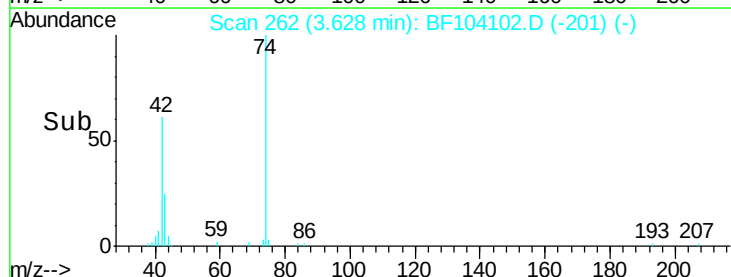
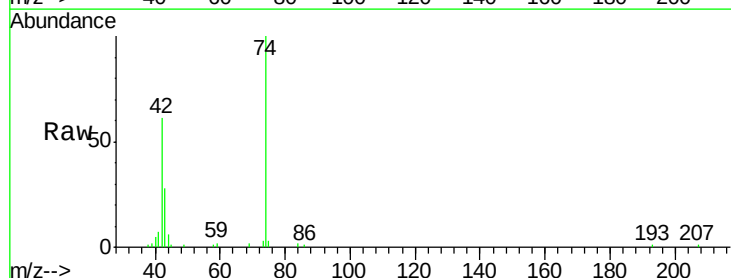
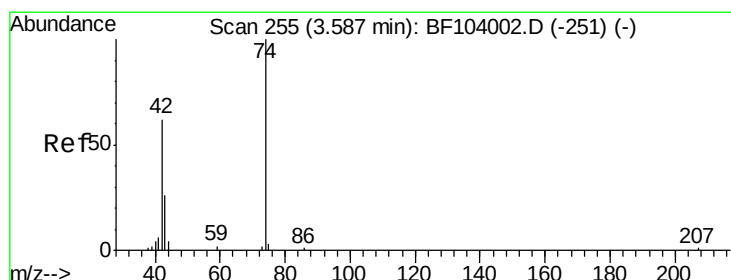
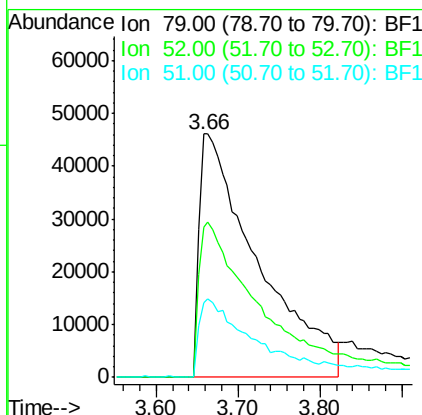
#3
Pvridine
Concen: 26.610 ng
RT: 3.66 min Scan# 267
Delta R.T. 0.06 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.5	59.8	89.6
51	30.5	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
TP-CSMSD

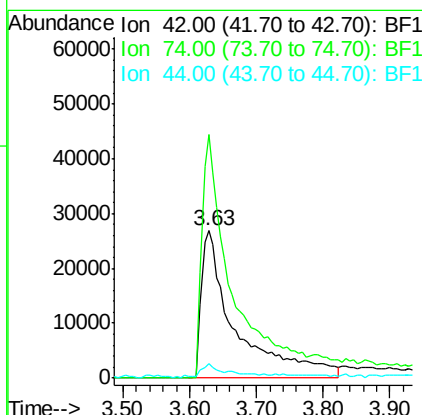
Manual Integrations
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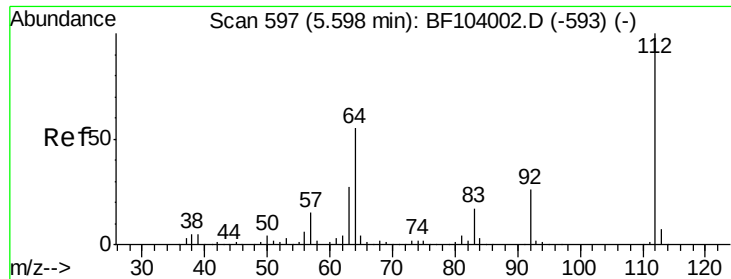
Sohil
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#4
n-Nitrosodimethylamine
Concen: 36.794 ng
RT: 3.63 min Scan# 262
Delta R.T. 0.06 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	165.1	104.9	157.3#
44	9.5	6.9	10.3





#5

2-Fluorophenol

Concen: 130.202 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.02 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Instrument :

BNA_F

ClientSampleId :

TP-CSMSD

Tot Ion:112 Resp: 1028794

Ion Ratio Lower Upper

112 100

64 55.3 47.9 71.9

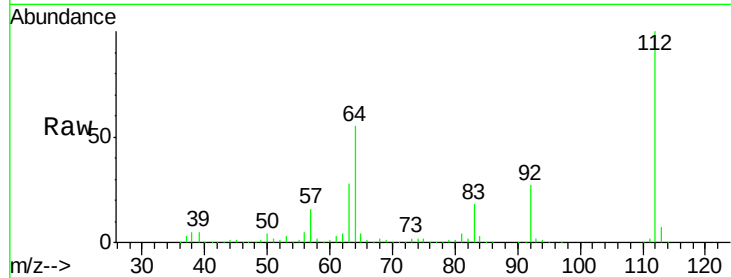
63 28.4 23.7 35.5

Manual Integrations

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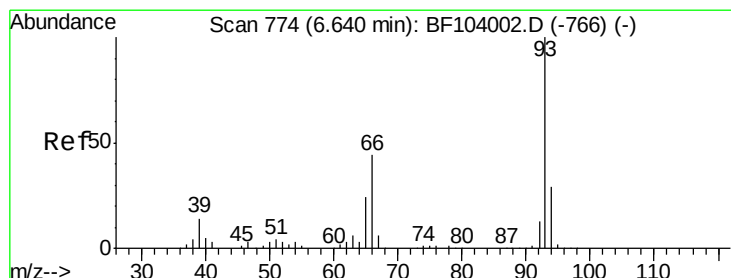
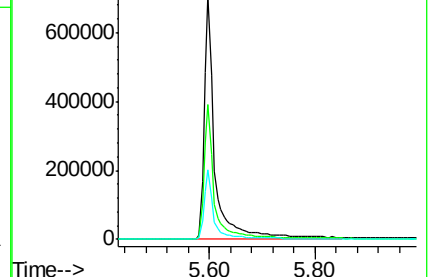
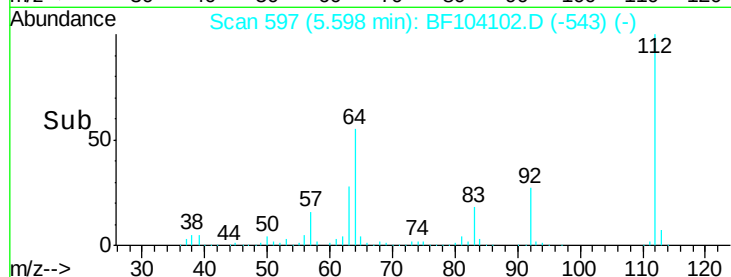
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.208 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

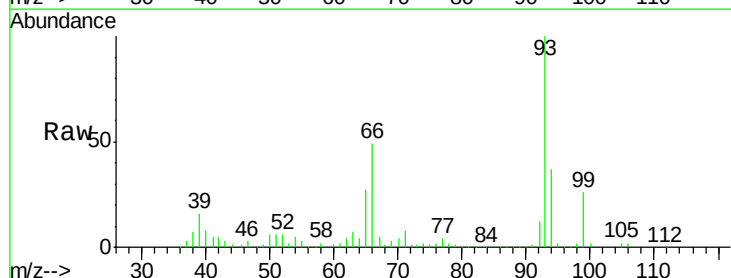
Tgt Ion: 93 Resp: 409735

Ion Ratio Lower Upper

93 100

66 49.4 32.2 48.2#

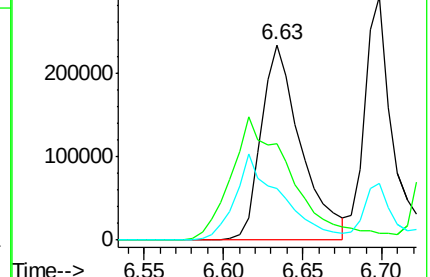
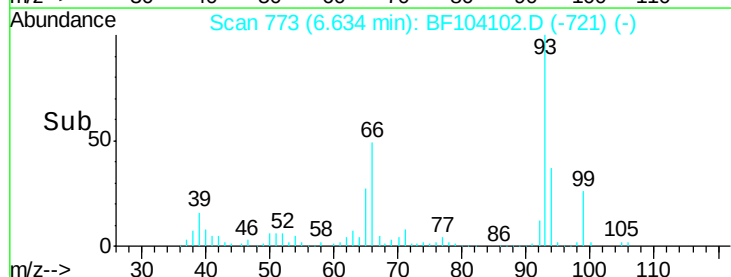
65 26.7 16.4 24.6#

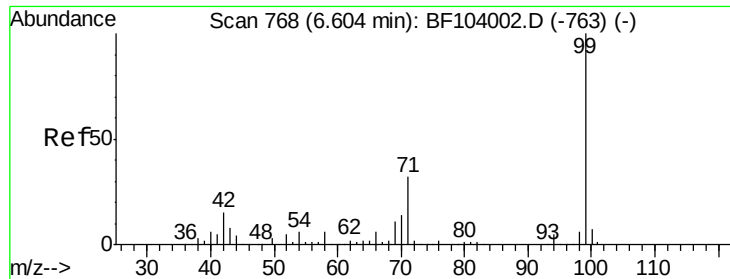


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.433 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Instrument :

BNA_F

ClientSampled :

TP-CSMSD

Tot Ion: 99 Resp: 1258244

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

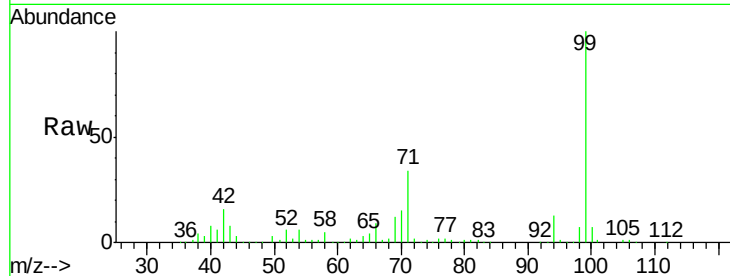
71 33.7 25.4 38.0

Manual Integrations

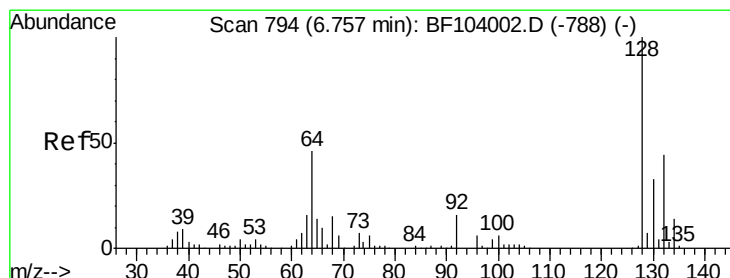
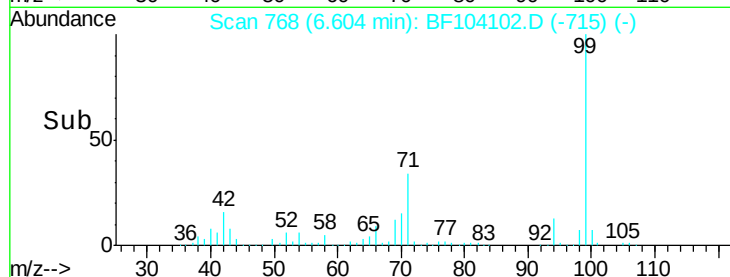
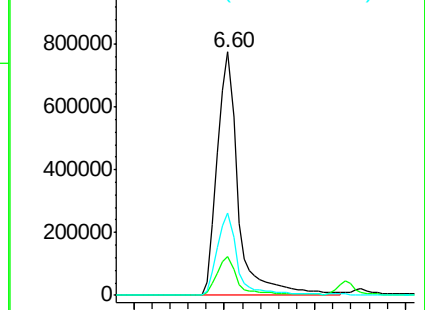
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.672 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

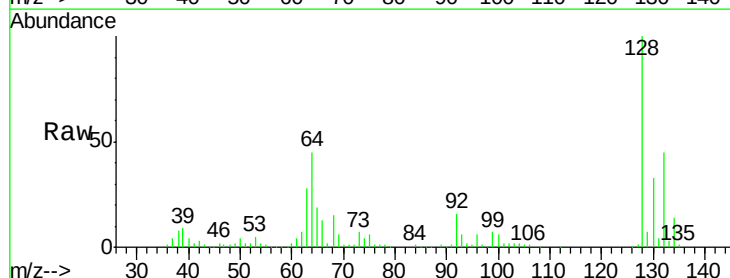
Tgt Ion:128 Resp: 387191

Ion Ratio Lower Upper

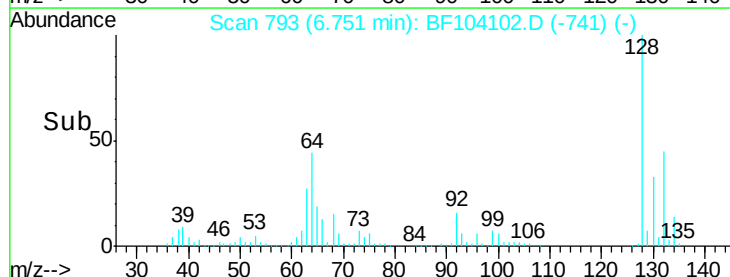
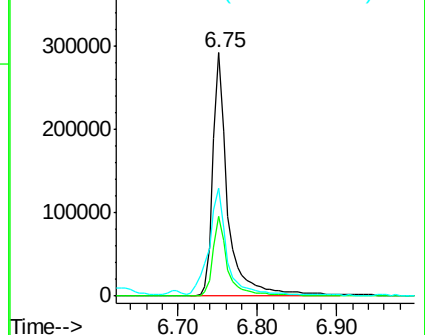
128 100

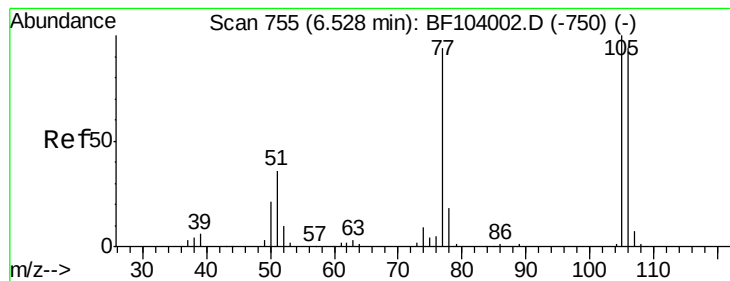
130 32.9 13.0 53.0

64 44.5 29.4 69.4



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





#9

Benzaldehyde

Concen: 20.436 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Instrument :

BNA_F

ClientSampleId :

TP-CSMSD

Tot Ion: 77 Resp: 120134

Ion Ratio Lower Upper

77 100

105 105.5 81.1 121.1

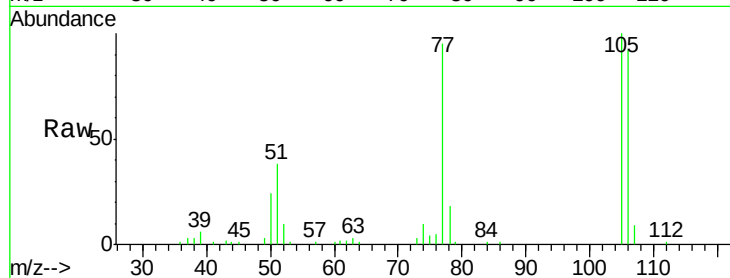
106 97.0 74.5 114.5

Manual Integrations

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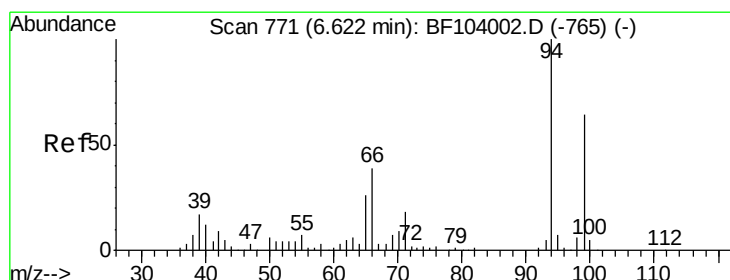
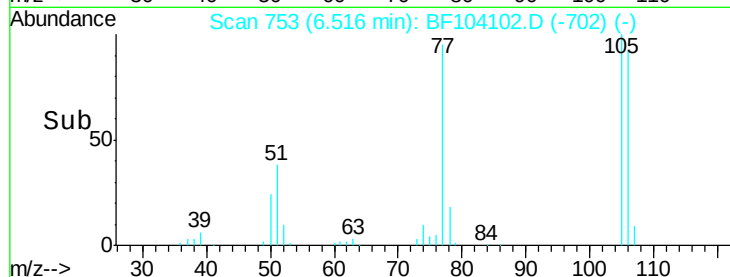
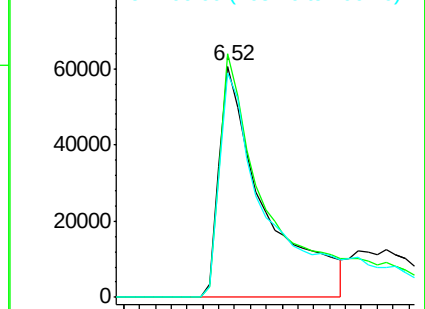
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 48.694 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

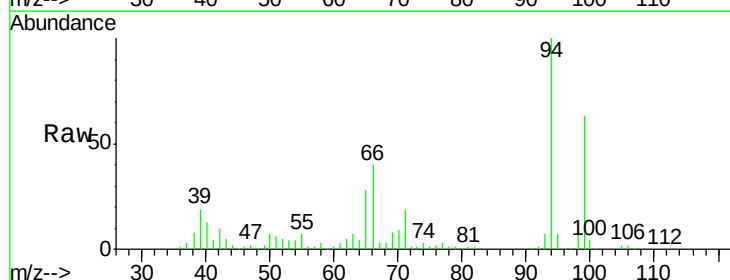
Tgt Ion: 94 Resp: 524494

Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

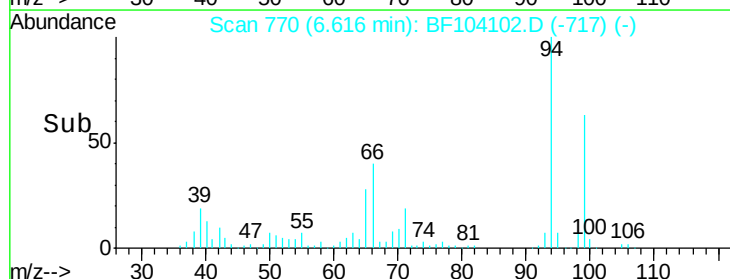
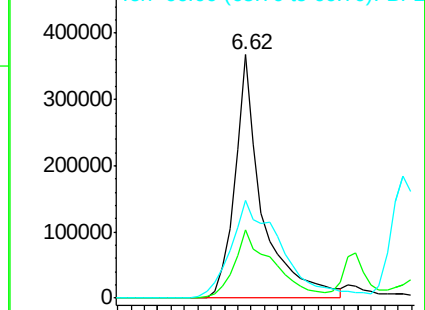
66 40.1 16.2 56.2

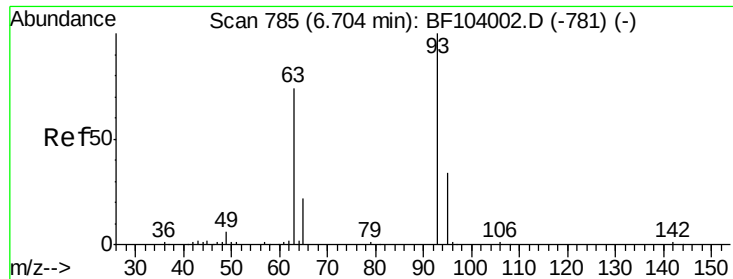


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





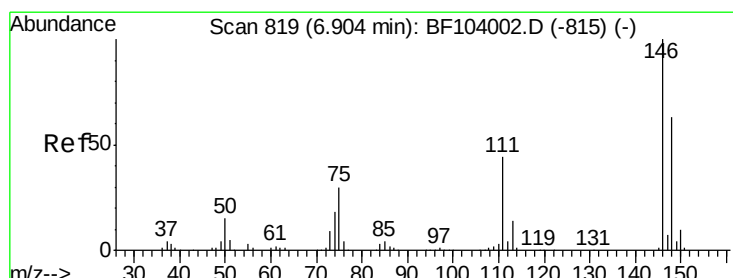
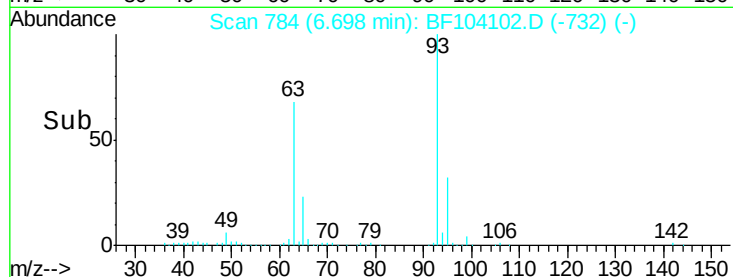
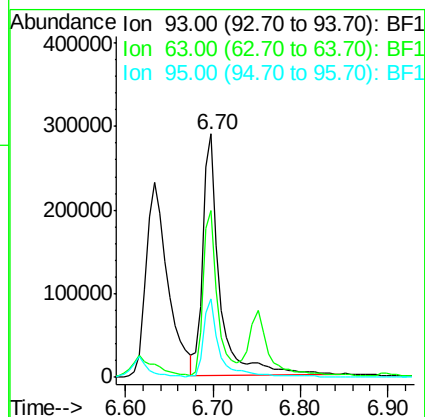
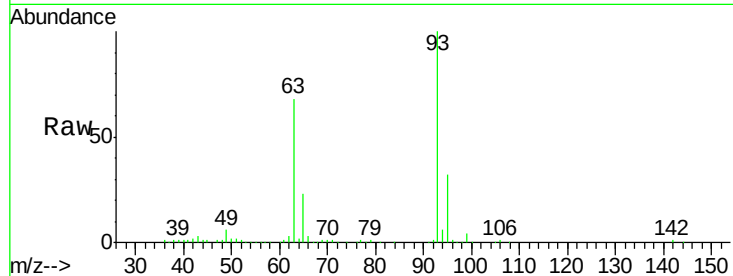
#11
bis(2-Chloroethyl)ether
Concen: 42.092 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampleId :
TP-CSMSD

Tot Ion:	93	Resp:	390689
Ion	Ratio	Lower	Upper
93	100		
63	68.3	58.6	98.6
95	32.1	11.8	51.8

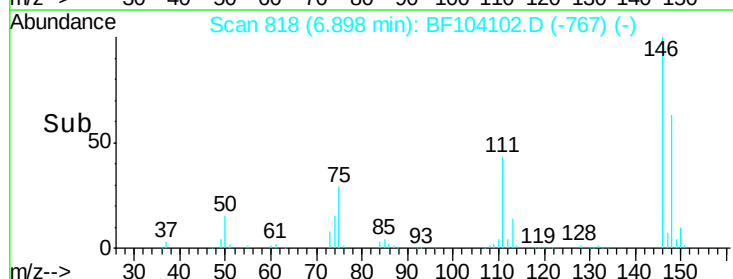
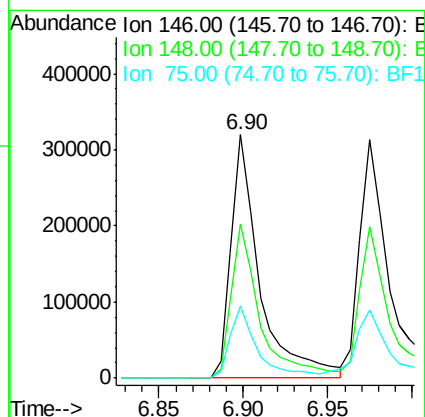
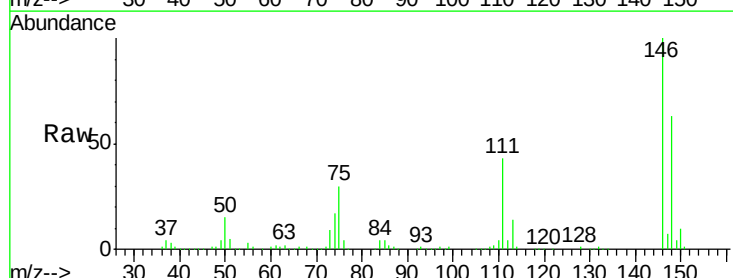
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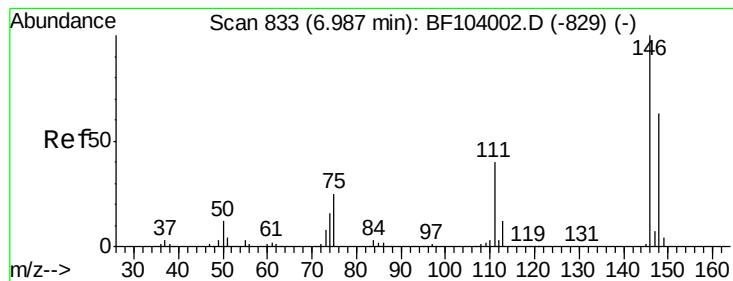
Sohil
4/2/2018 5:05:46 PM



#12
1,3-Dichlorobenzene
Concen: 38.816 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion:	146	Resp:	378191
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	29.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 41.316 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Instrument :

BNA_F

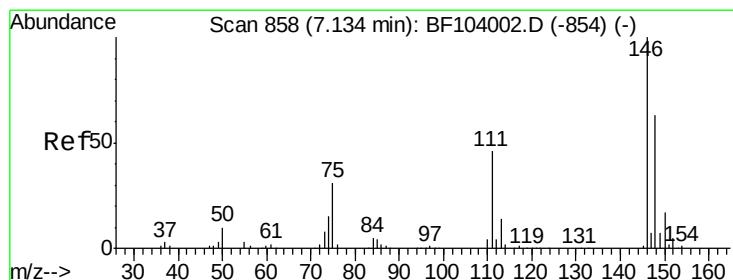
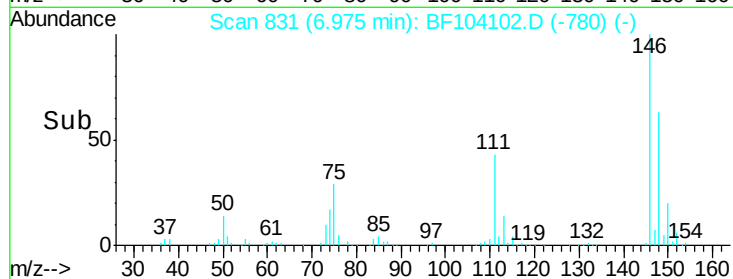
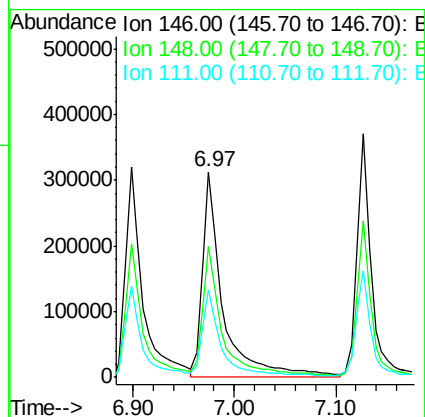
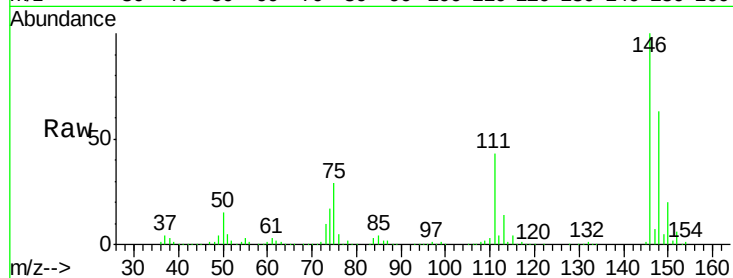
ClientSampled :

TP-CSMSD

Tot Ion:	146	Resp:	431332
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.8	76.2
111	42.6	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.126 ng

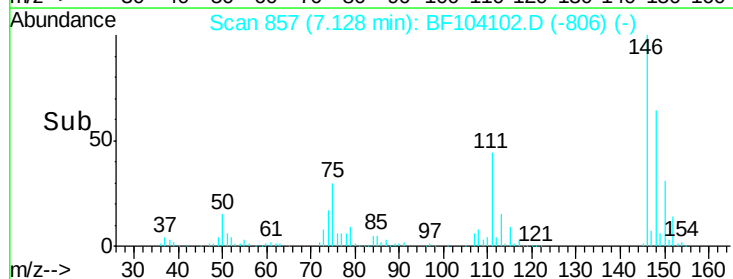
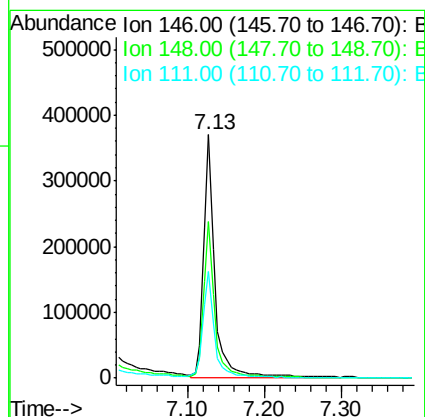
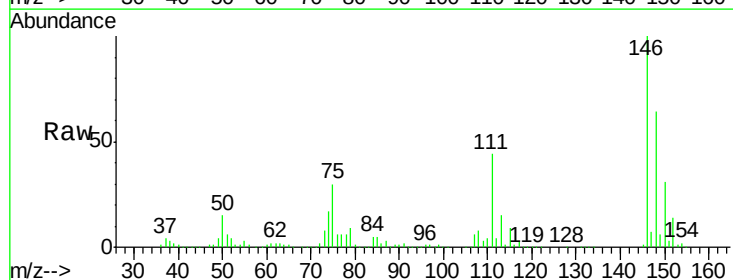
RT: 7.13 min Scan# 857

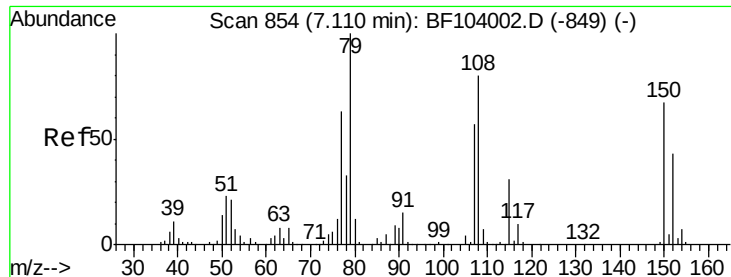
Delta R.T. 0.00 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Tgt Ion:	146	Resp:	376526
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.6	75.8
111	43.6	36.0	54.0





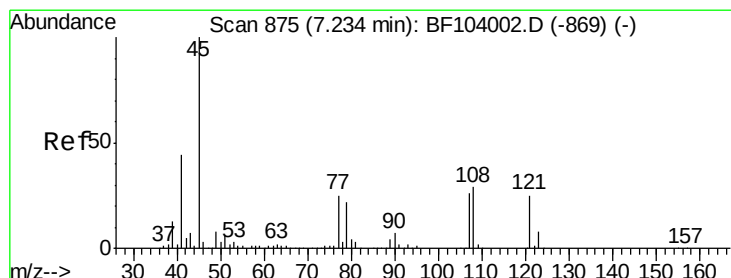
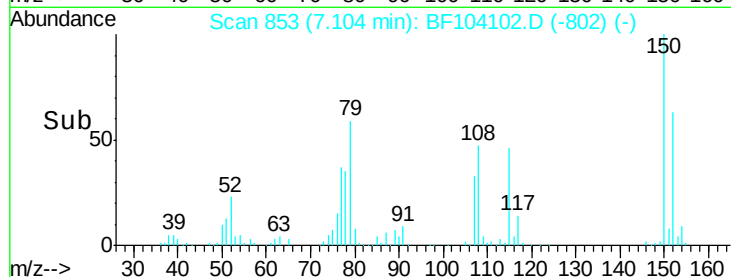
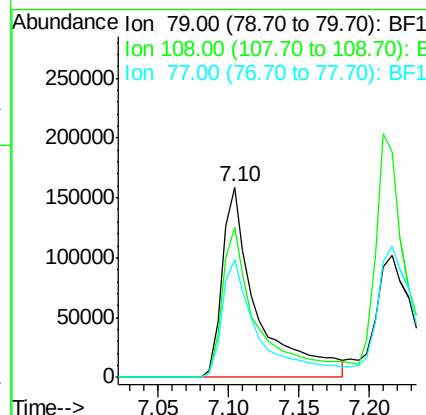
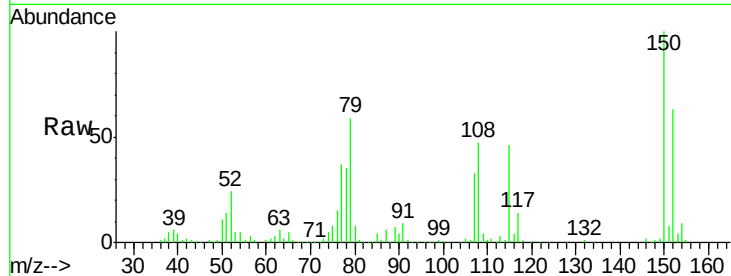
#15
Benzyl Alcohol
Concen: 43.609 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampled :
TP-CSMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.9	65.1	97.7
77	62.3	50.6	75.8

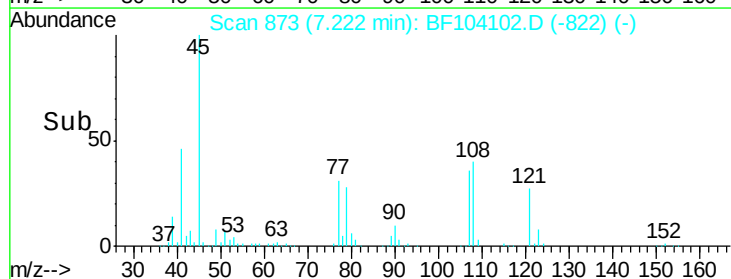
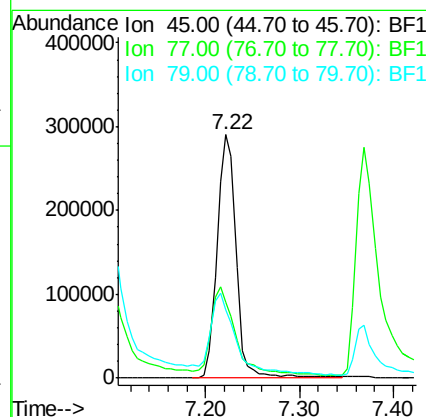
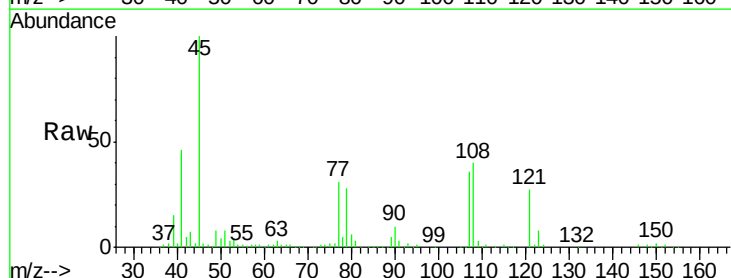
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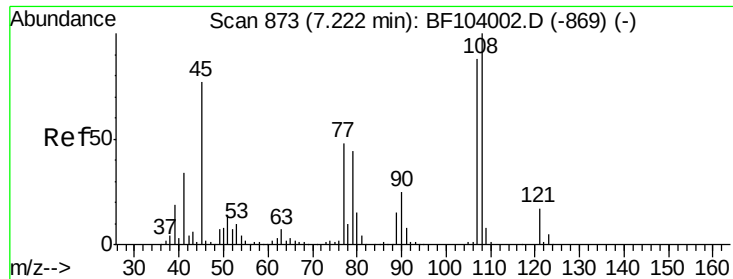
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.153 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.2	0.0	32.9
79	27.8	0.0	29.6





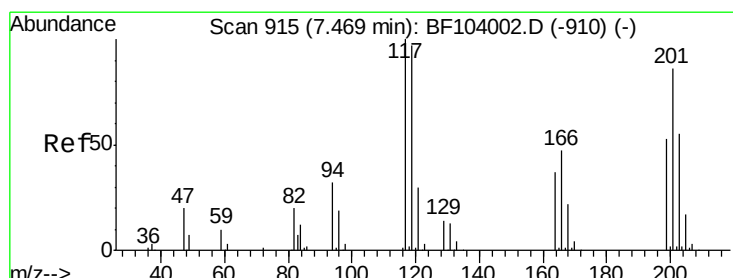
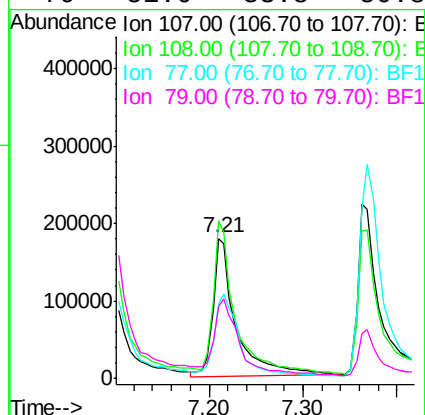
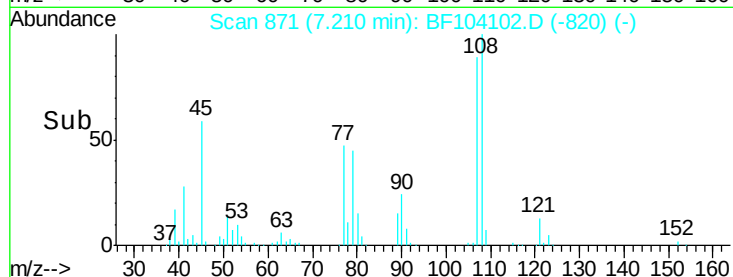
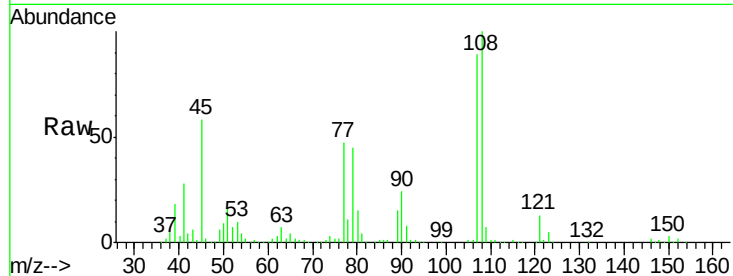
#17
2-Methylphenol
Concen: 43.465 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampleId :
TP-CSMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.7	137.5
77	53.4	33.8	50.8#
79	51.0	33.8	50.8#

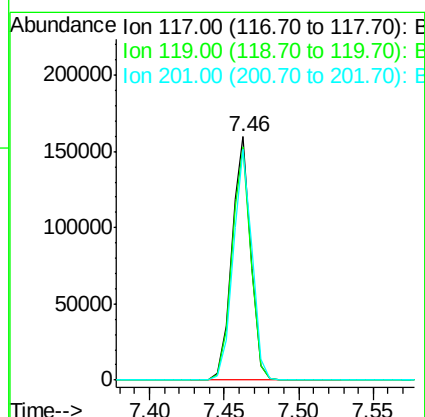
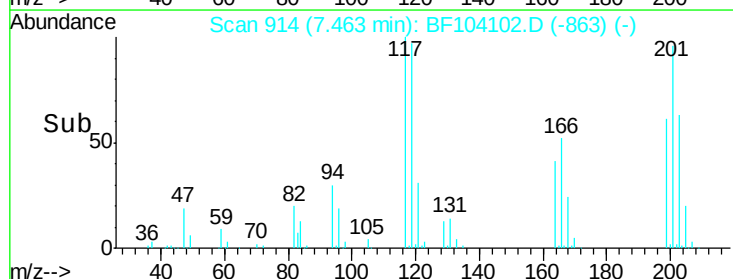
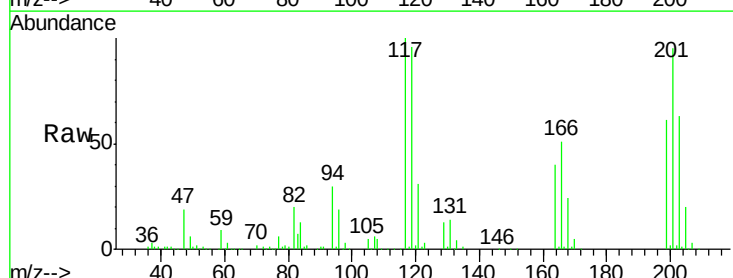
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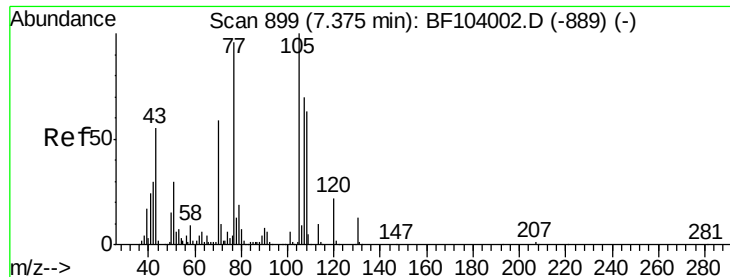
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#18
Hexachloroethane
Concen: 40.908 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	95.0	75.7	113.5





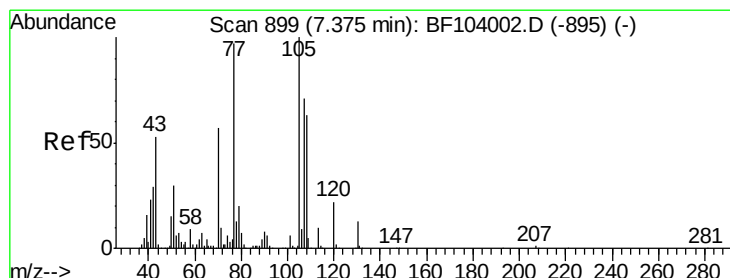
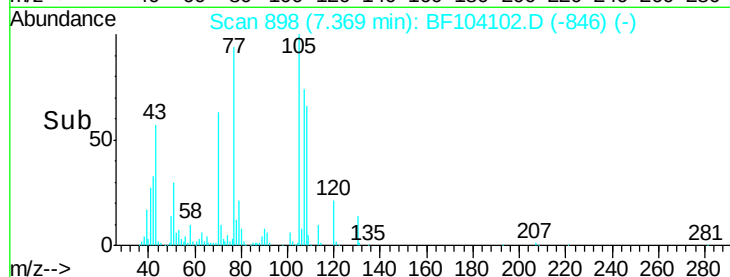
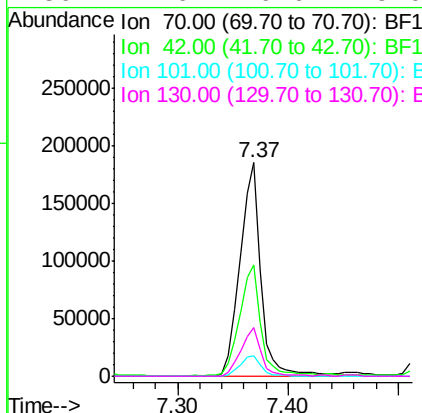
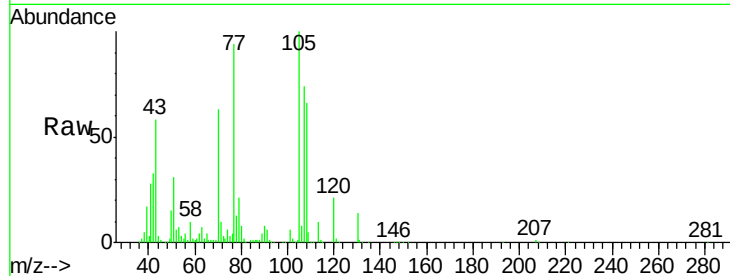
#19
n-Nitroso-di-n-propylamine
Concen: 43.073 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampleId :
TP-CSMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.1	47.5	71.3
101	9.5	7.4	11.2
130	22.6	16.6	25.0

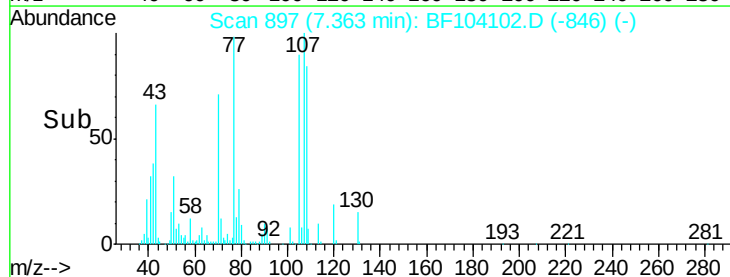
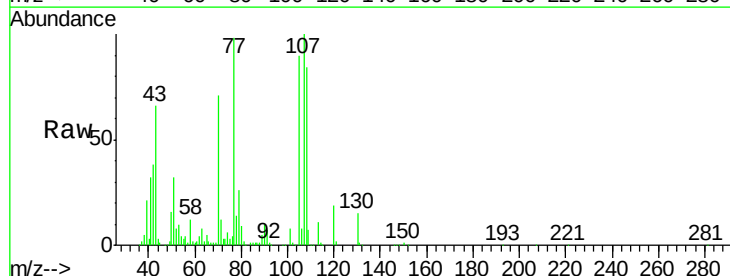
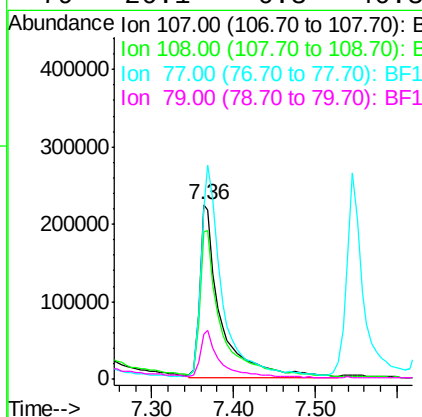
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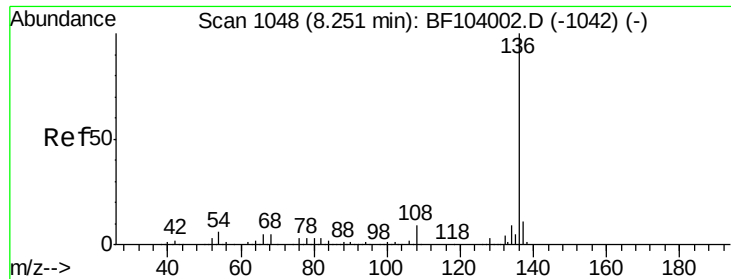
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#20
3+4-Methylphenols
Concen: 45.178 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.2	68.2	108.2
77	98.0	26.7	66.7#
79	26.1	6.3	46.3





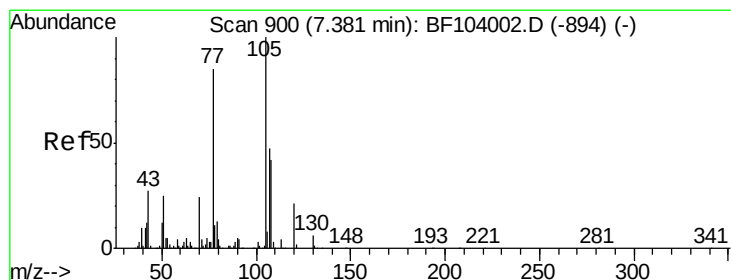
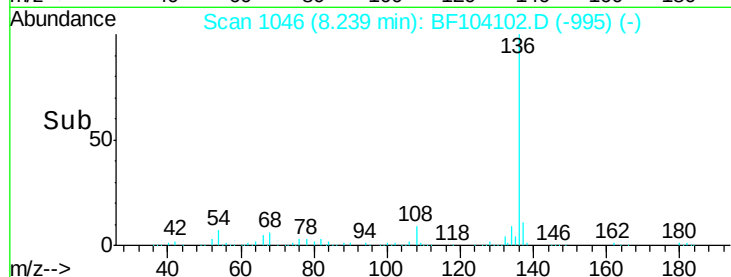
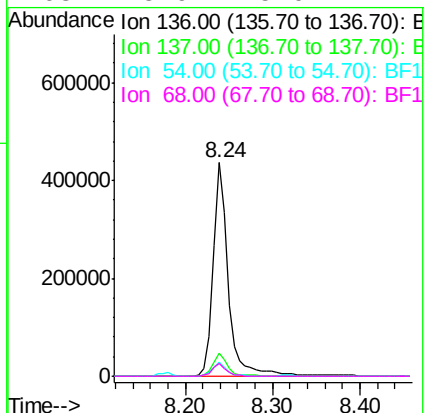
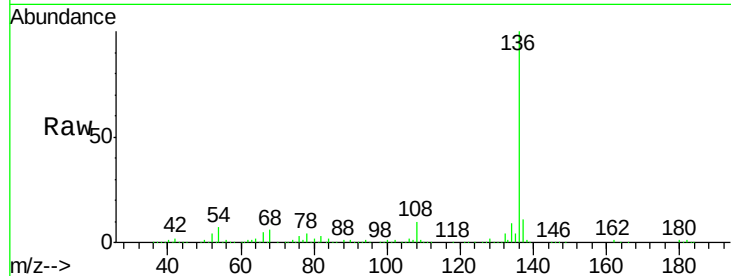
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampleId :
TP-CSMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	530701		
137	10.9		8.9	13.3
54	6.8		6.6	9.8
68	5.9		5.0	7.4

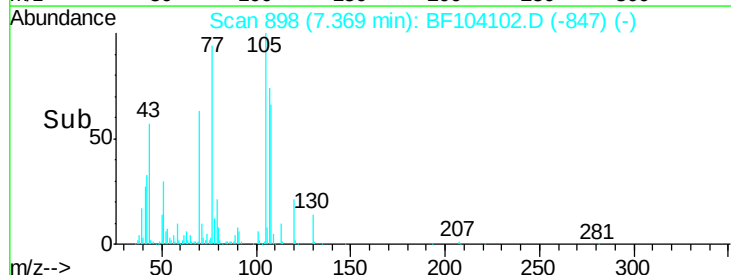
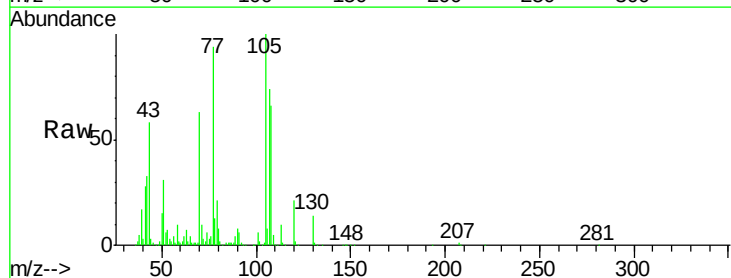
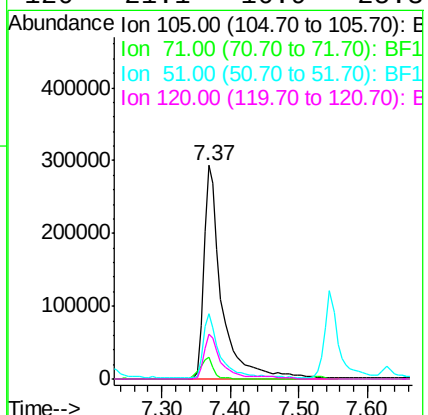
Manual Integrations
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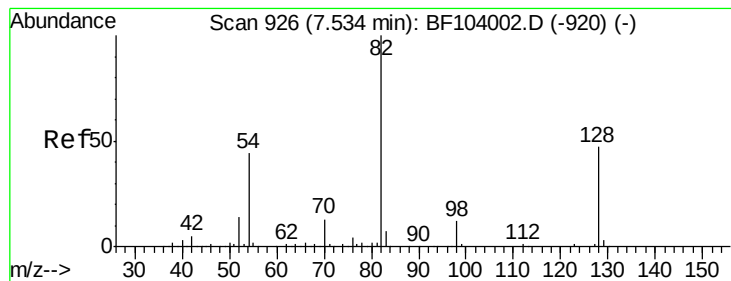
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#22
Acetophenone
Concen: 42.161 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	541357		
71	10.2		4.4	6.6#
51	30.6		22.3	33.5
120	21.1		16.9	25.3





#23

Nitrobenzene-d5

Concen: 91.989 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Instrument :

BNA_F

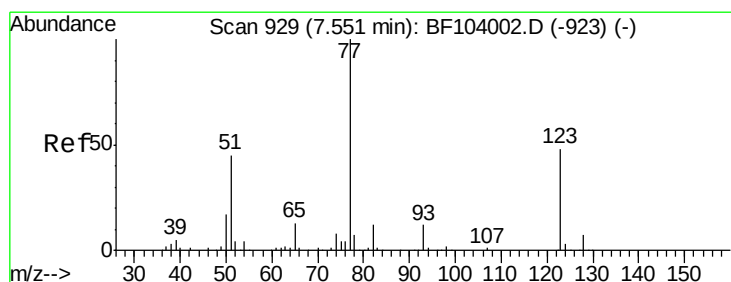
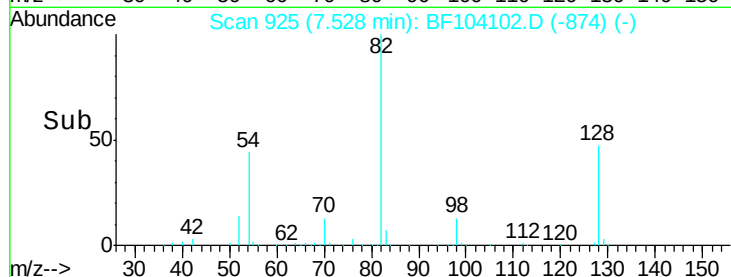
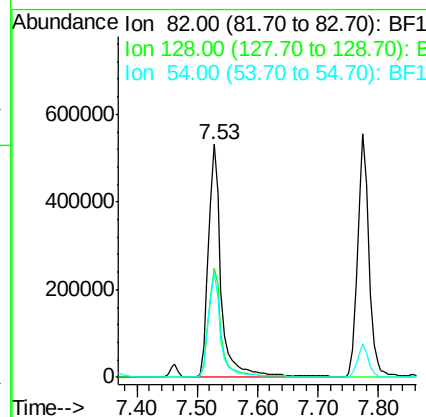
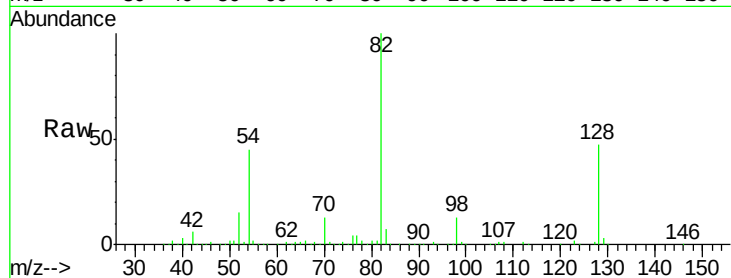
ClientSampled :

TP-CSMSD

Tot Ion:	82	Resp:	798268
Ion Ratio	Lower	Upper	
82	100		
128	47.0	36.1	54.1
54	44.6	41.4	62.2

Manual Integrations
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#24

Nitrobenzene

Concen: 40.500 ng

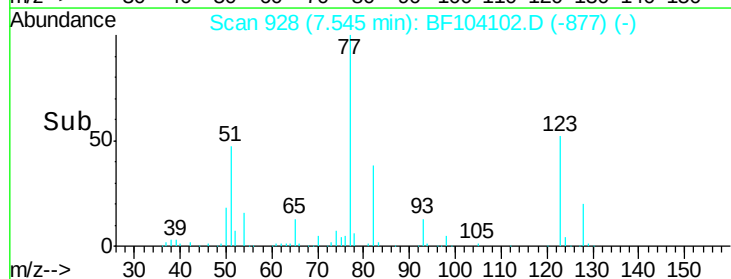
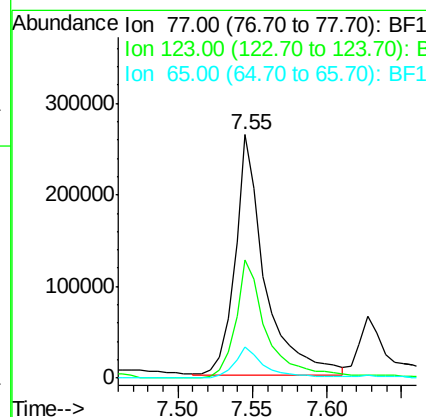
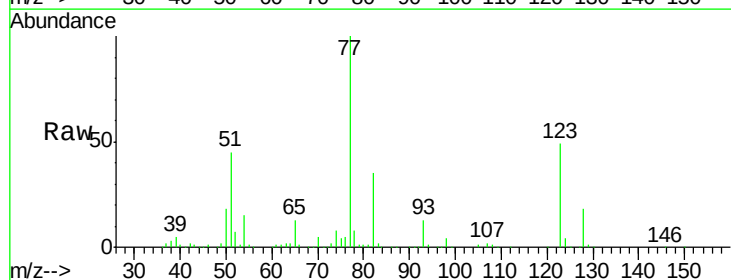
RT: 7.55 min Scan# 928

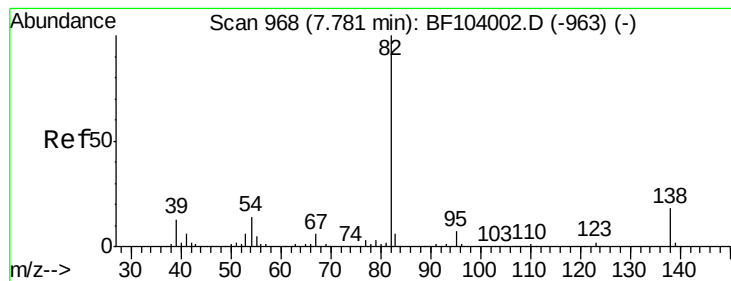
Delta R.T. 0.00 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Tgt Ion:	77	Resp:	369787
Ion Ratio	Lower	Upper	
77	100		
123	48.7	37.9	56.9
65	12.8	11.0	16.4





#25

Isophorone

Concen: 45.077 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF104102.D

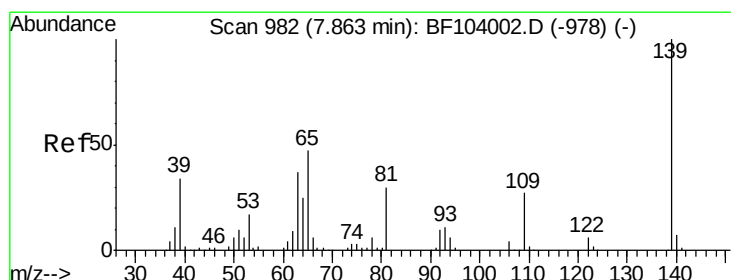
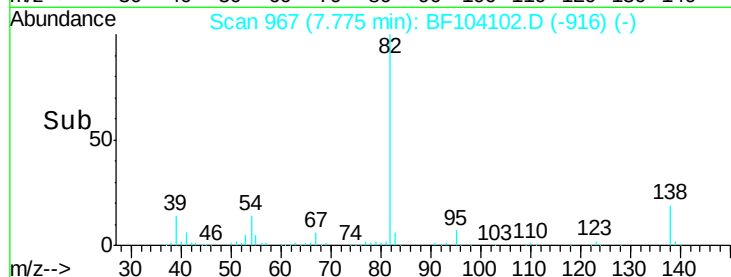
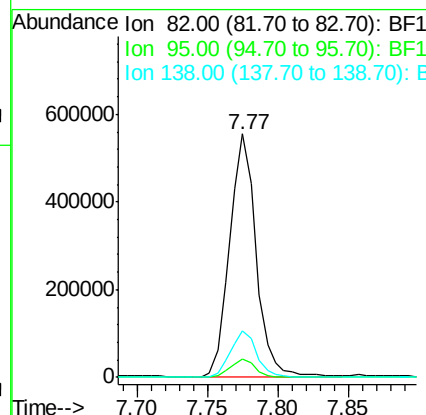
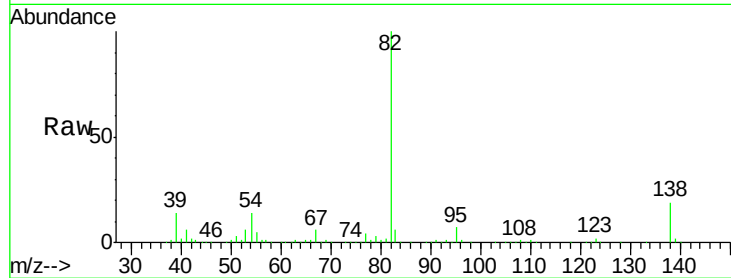
Acq: 30 Mar 2018 19:34

Tot Ion:	82	Resp:	720900
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.2	7.8
138	18.9	14.9	22.3

Instrument :
BNA_F
ClientSampleId :
TP-CSMSD

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.524 ng

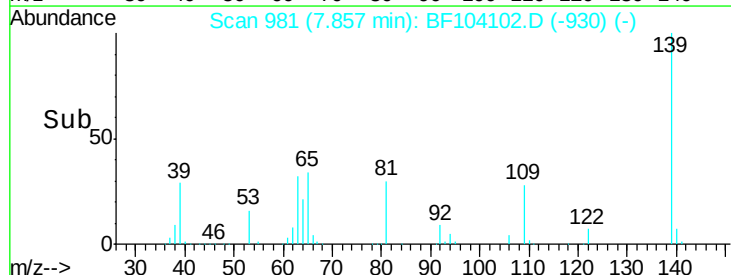
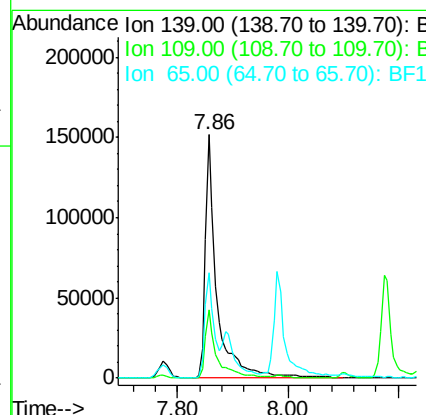
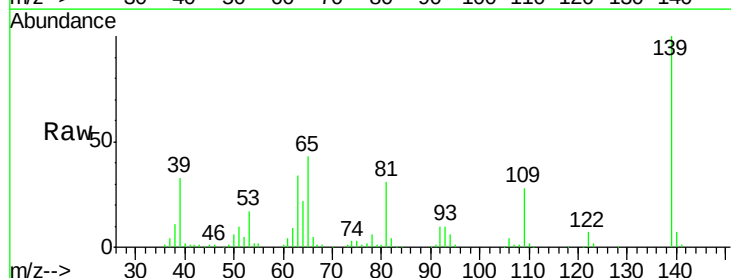
RT: 7.86 min Scan# 981

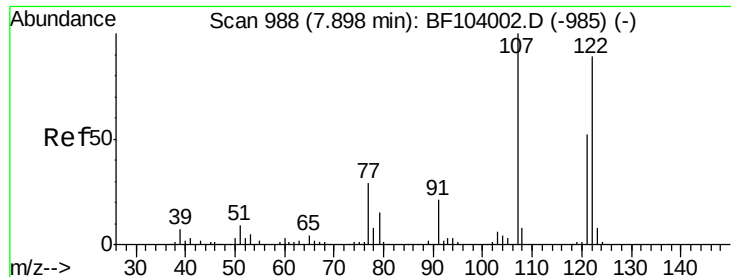
Delta R.T. 0.00 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Tgt Ion:	139	Resp:	221736
Ion Ratio	Lower	Upper	
139	100		
109	28.1	22.7	34.1
65	43.3	40.5	60.7





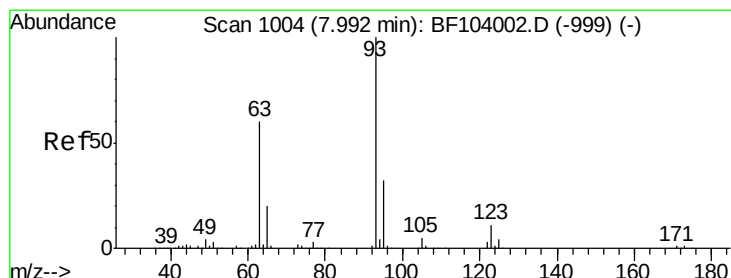
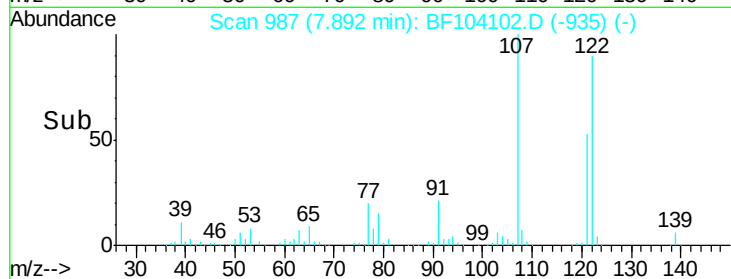
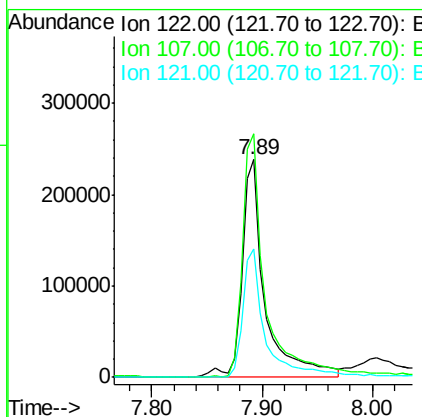
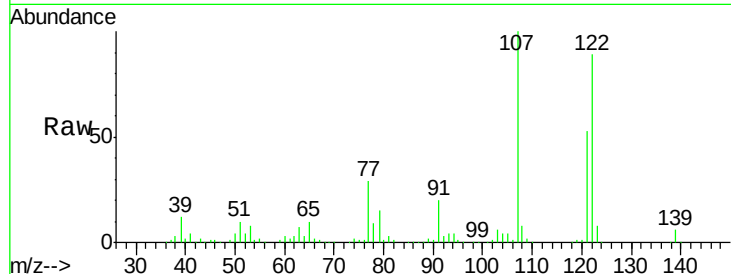
#27
2,4-Dimethylphenol
Concen: 50.663 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampleId :
TP-CSMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.8	91.2	136.8
121	59.1	47.2	70.8

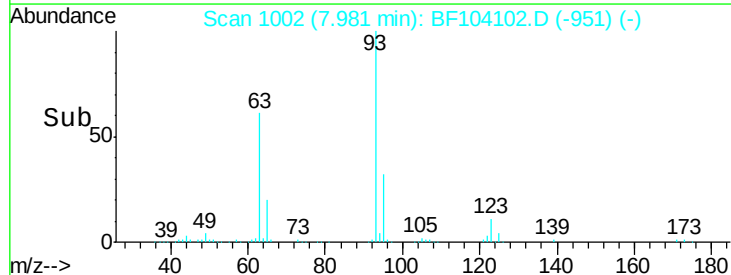
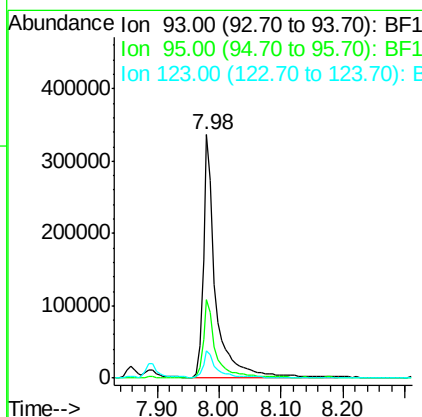
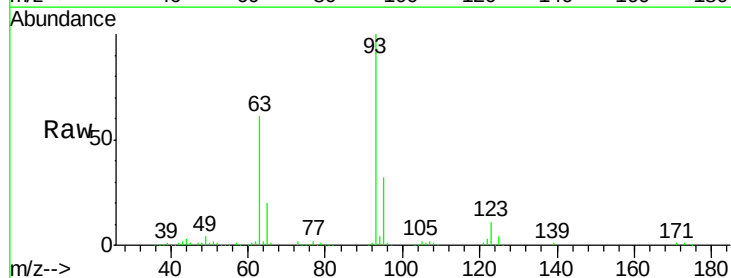
Manual Integrations
APPROVED

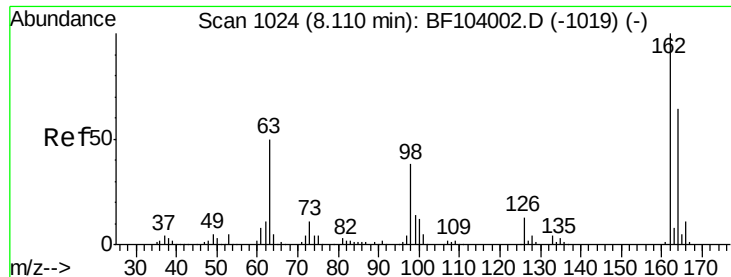
Sohil
4/2/2018 5:05:46 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.503 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.2	9.8	14.6





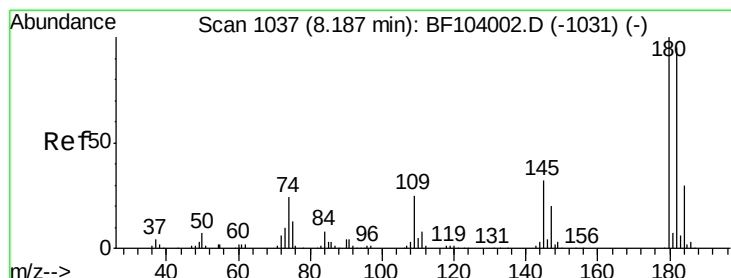
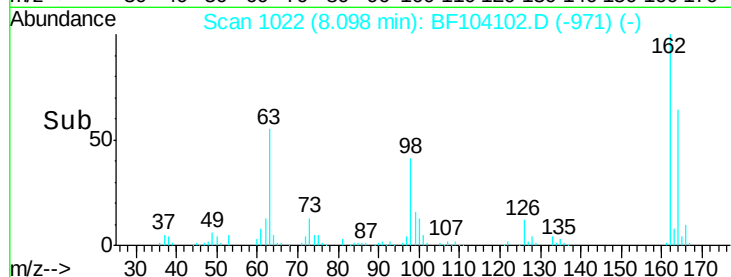
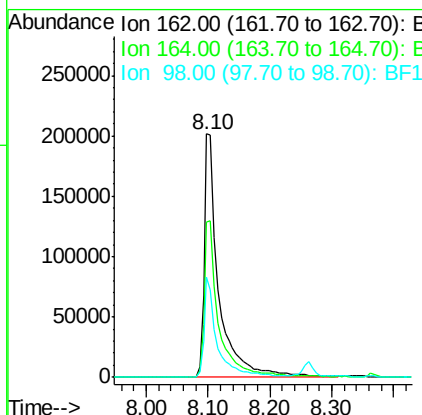
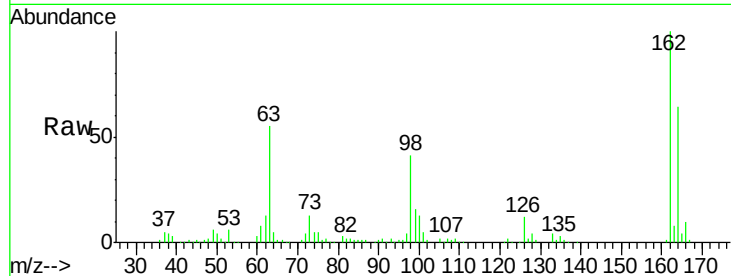
#29
2,4-Dichlorophenol
Concen: 46.833 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampled :
TP-CSMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.7	82.7
98	41.4	18.1	58.1

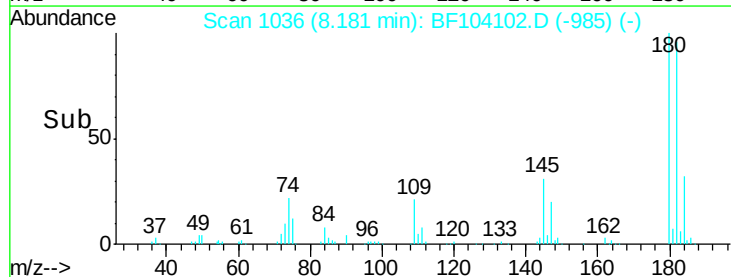
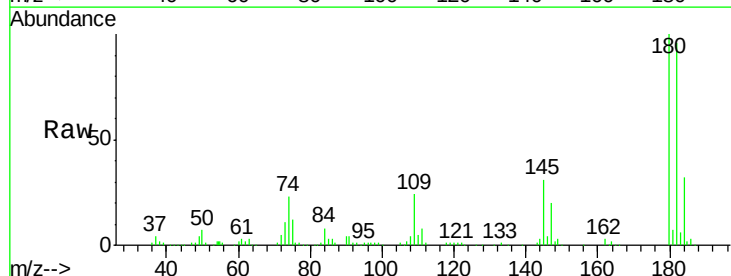
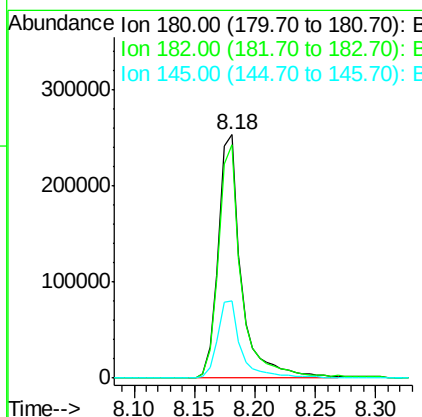
Manual Integrations
APPROVED

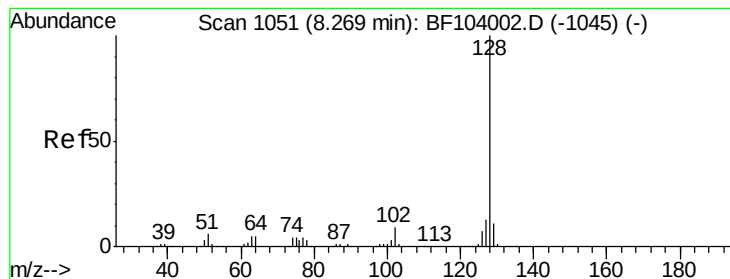
Sohil
4/2/2018 5:05:46 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.148 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
145	31.5	26.5	39.7





#31

Naphthalene

Concen: 45.276 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Instrument :

BNA_F

ClientSampleId :

TP-CSMSD

Tot Ion:128 Resp: 1173850

Ion Ratio Lower Upper

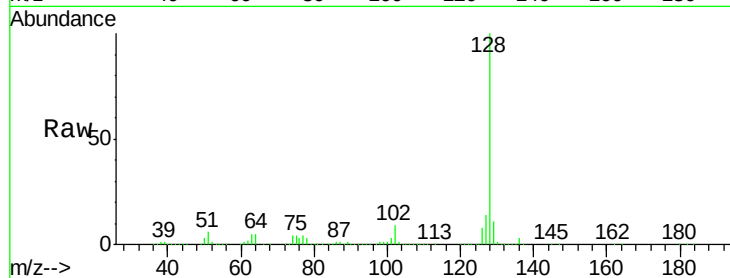
128 100

129 11.3 8.8 13.2

127 13.7 10.9 16.3

Manual Integrations
APPROVED

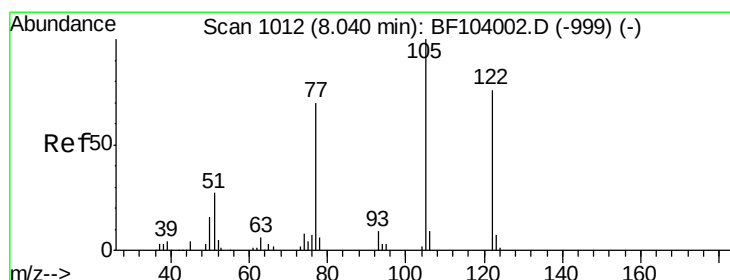
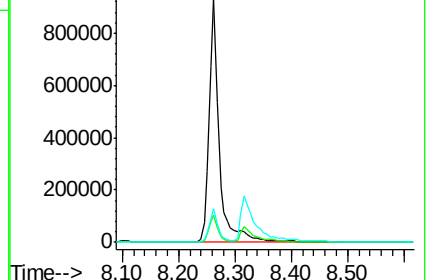
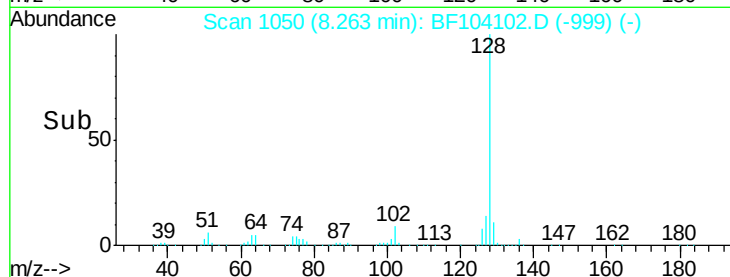
Sohil
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.084 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

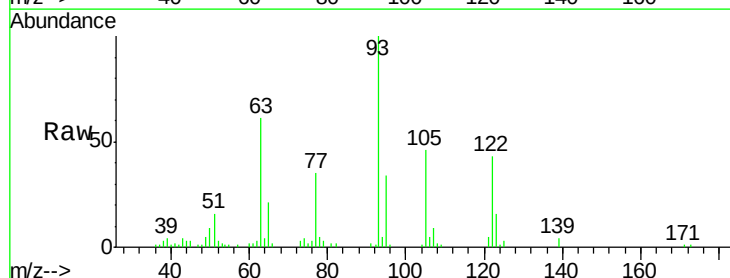
Tgt Ion:122 Resp: 70917

Ion Ratio Lower Upper

122 100

105 106.5 101.1 141.1

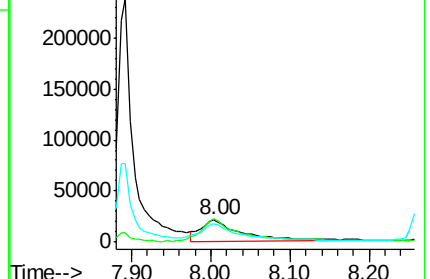
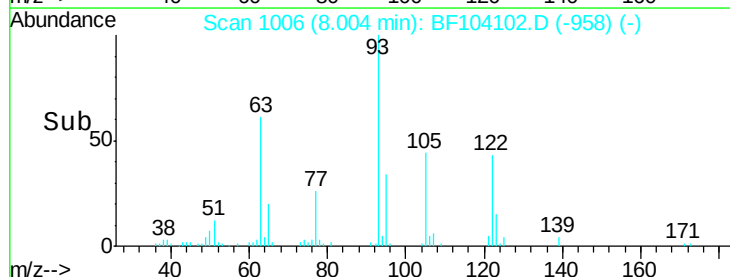
77 80.8 70.7 110.7

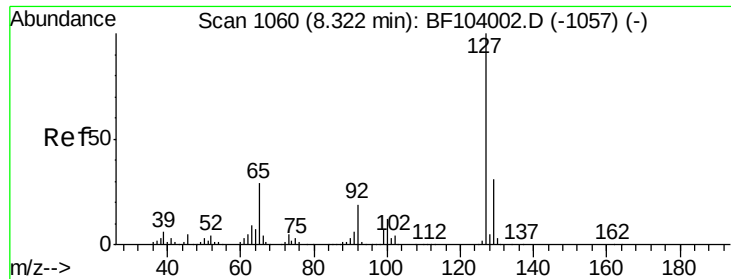


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





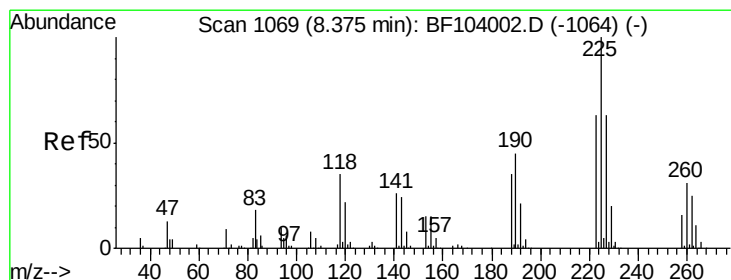
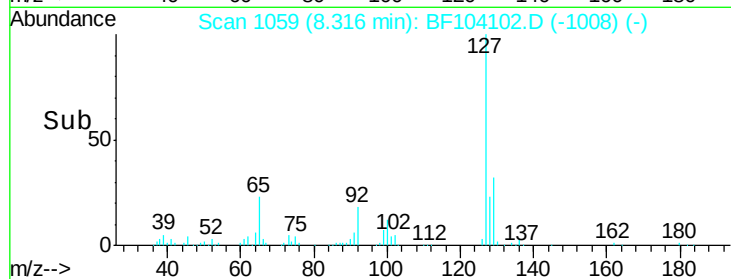
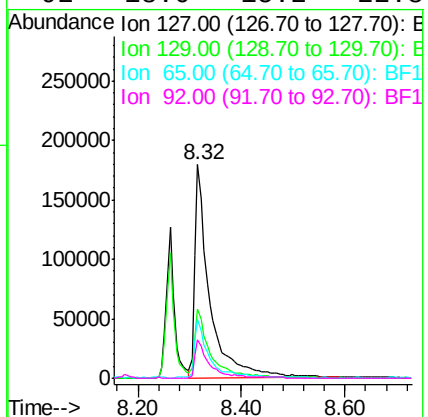
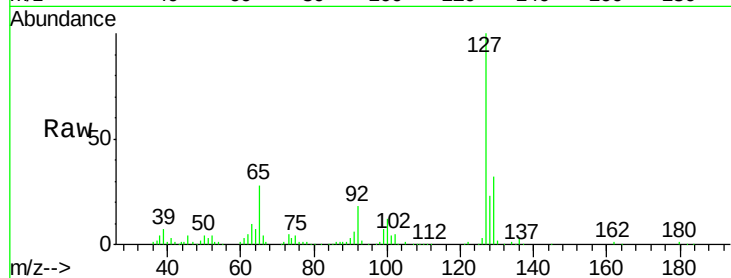
#33
 4-Chloroaniline
 Concen: 32.422 ng
 RT: 8.32 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF104102.D
 Acq: 30 Mar 2018 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-CSMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.9	38.9		
65	27.6	25.0	37.4		
92	18.0	15.2	22.8		

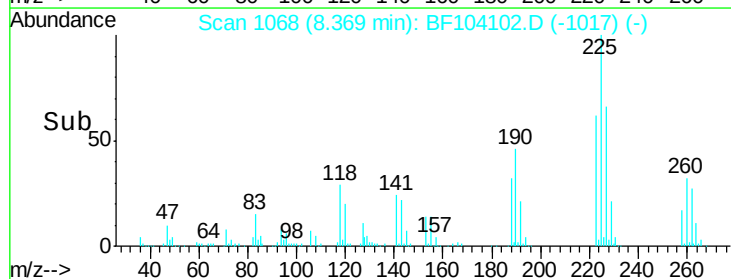
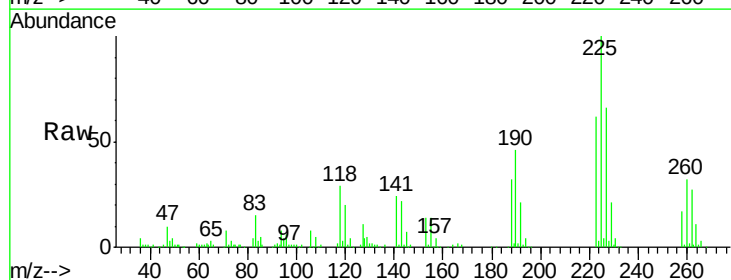
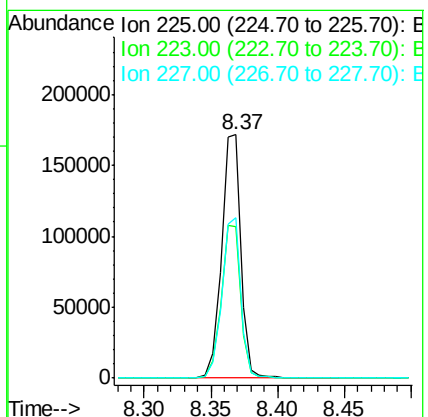
Manual Integrations
 APPROVED

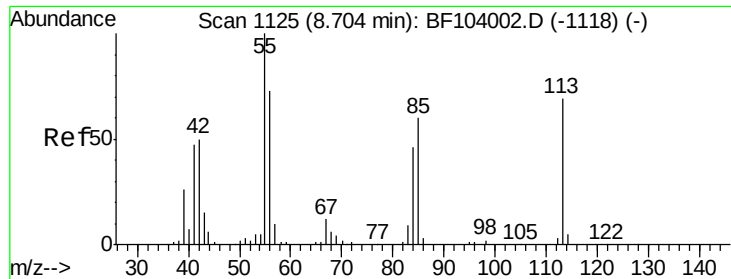
Sohil
 4/2/2018 5:05:46 PM



#34
 Hexachlorobutadiene
 Concen: 39.744 ng
 RT: 8.37 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BF104102.D
 Acq: 30 Mar 2018 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	50.6	76.0		
227	65.7	51.9	77.9		





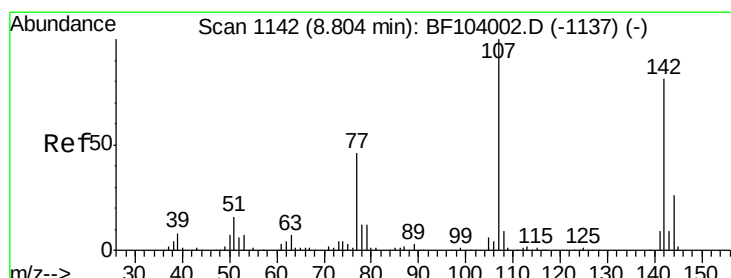
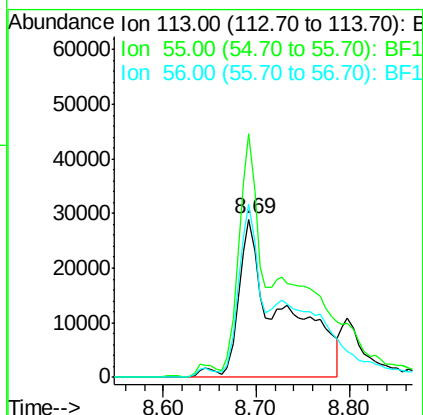
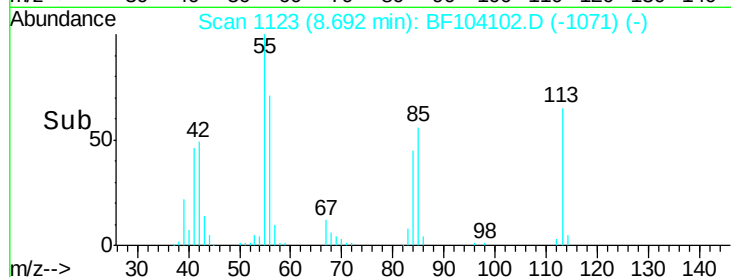
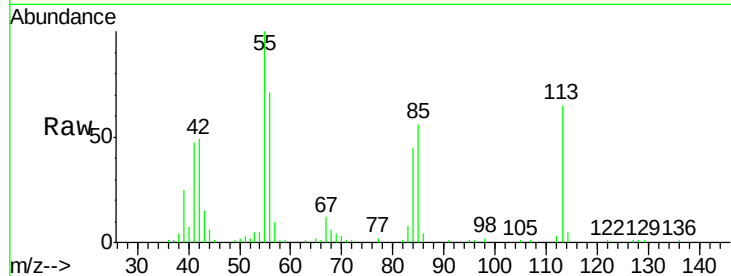
#35
Caprolactam
Concen: 41.479 ng/ml
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampleId :
TP-CSMSD

Tot Ion: 113 Resp: 94426
Ion Ratio Lower Upper
113 100
55 154.1 163.3 203.3#
56 109.8 115.7 155.7#

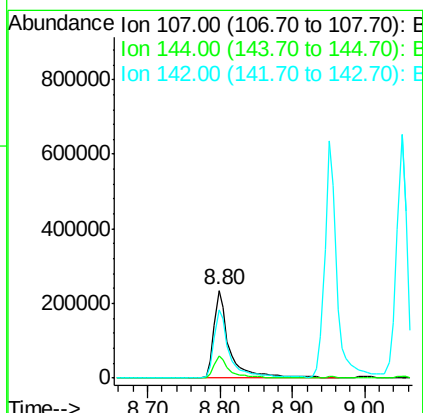
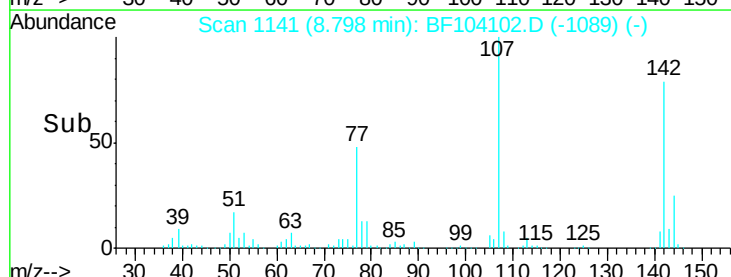
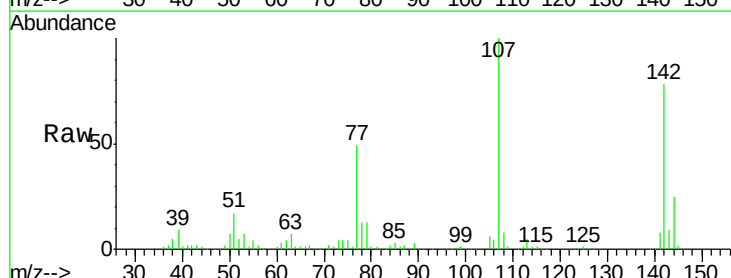
Manual Integrations
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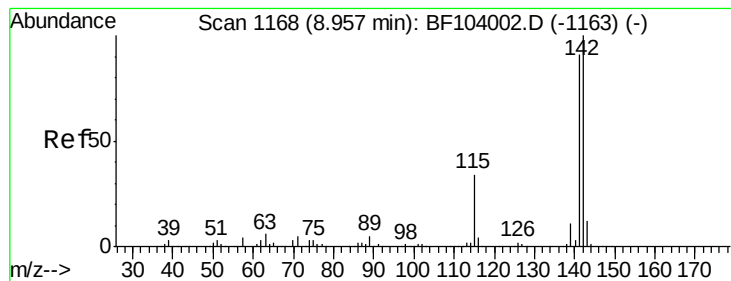
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 46.977 ng/ml
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion: 107 Resp: 356745
Ion Ratio Lower Upper
107 100
144 25.4 20.5 30.7
142 78.5 62.0 93.0





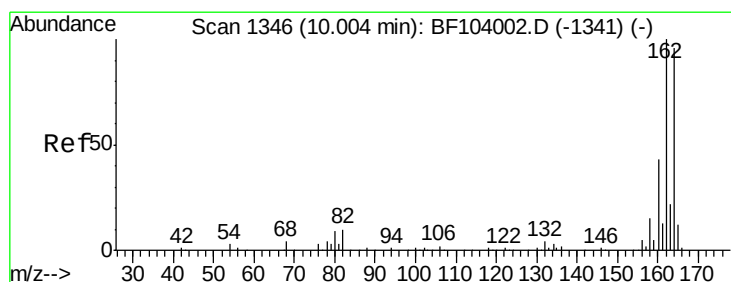
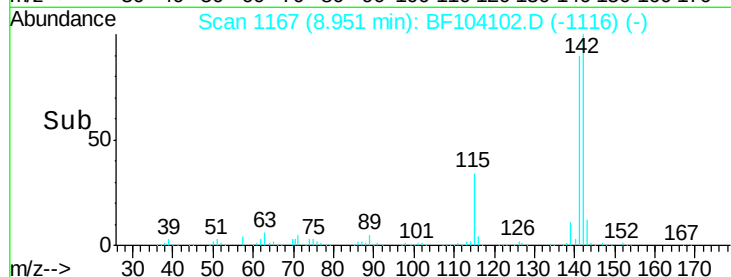
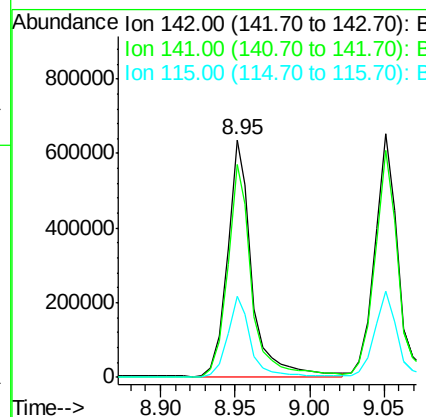
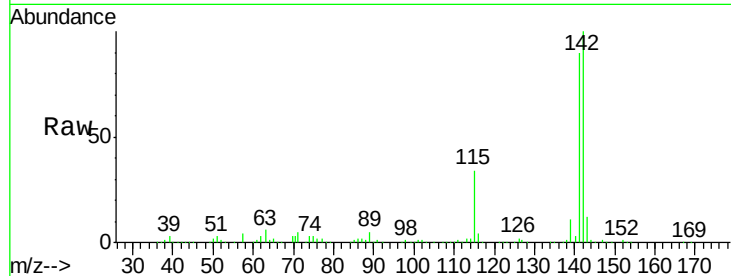
#37
2-Methylnaphthalene
Concen: 42.684 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampleId :
TP-CSMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	34.2	26.1	39.1

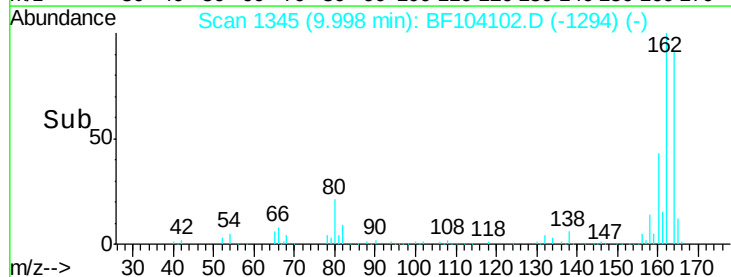
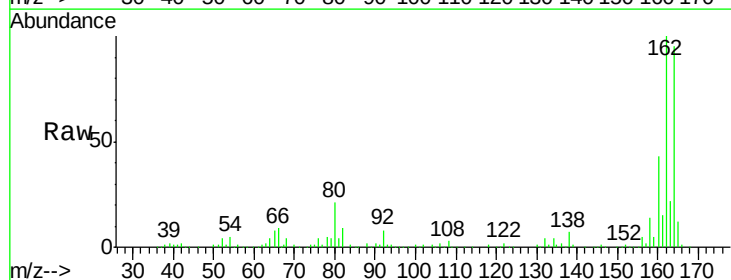
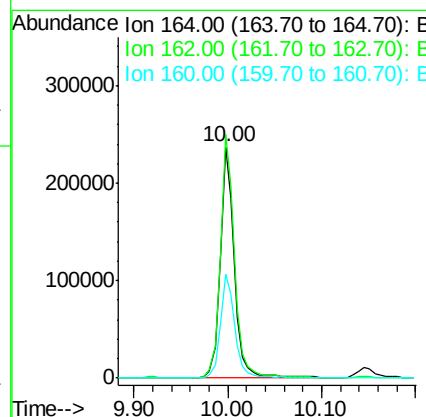
Manual Integrations
APPROVED

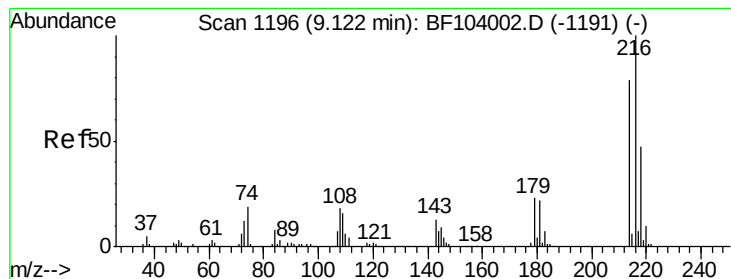
Sohil
4/2/2018 5:05:46 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	44.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.071 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Instrument :

BNA_F

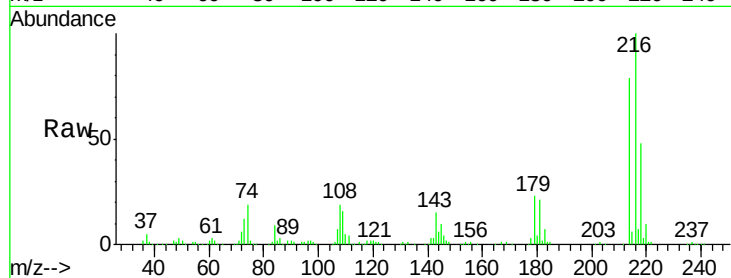
ClientSampleId :

TP-CSMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	334758		
214	78.4	63.0	94.4	
179	21.8	18.1	27.1	
108	20.4	17.2	25.8	

Manual Integrations
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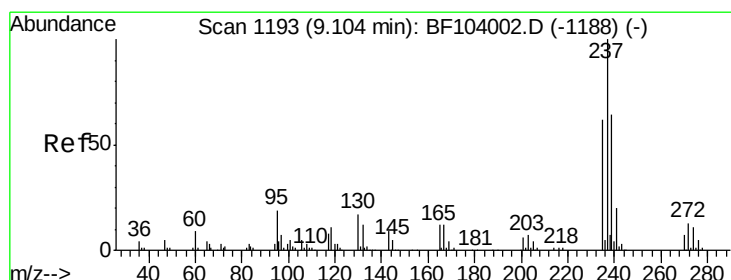
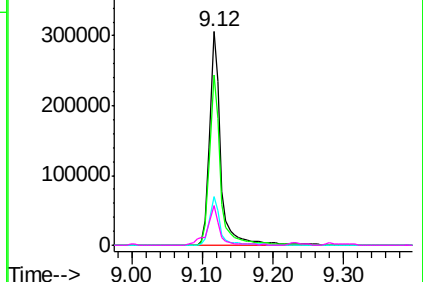
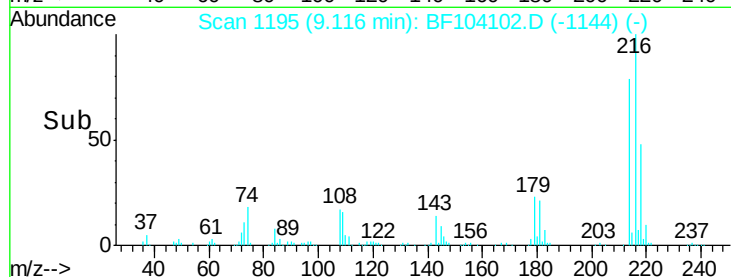


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.415 ng

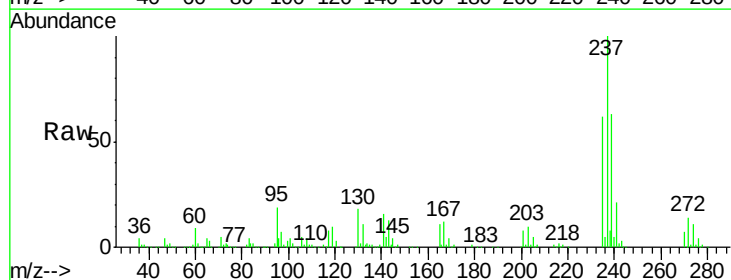
RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

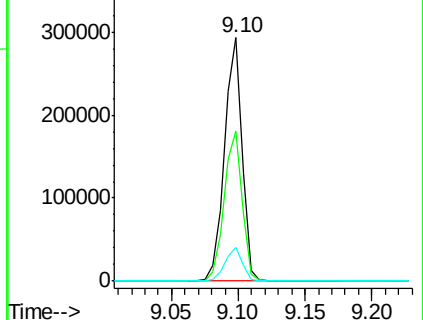
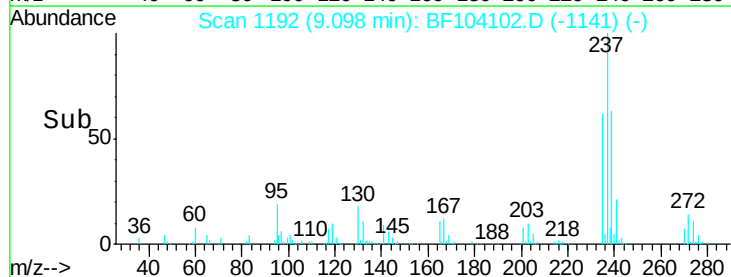
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	274686		
235	61.7	44.8	84.8	
272	13.6	0.0	33.3	

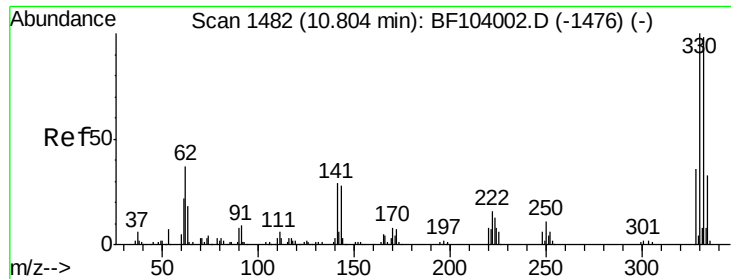


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 132.952 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Instrument :

BNA_F

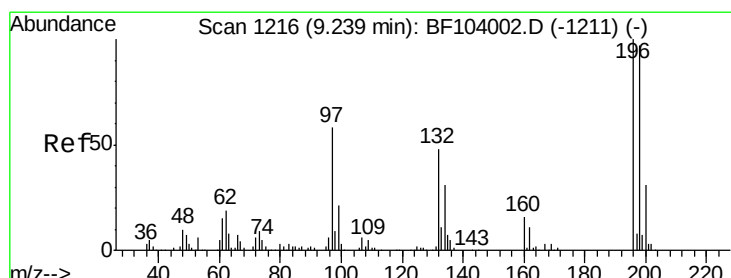
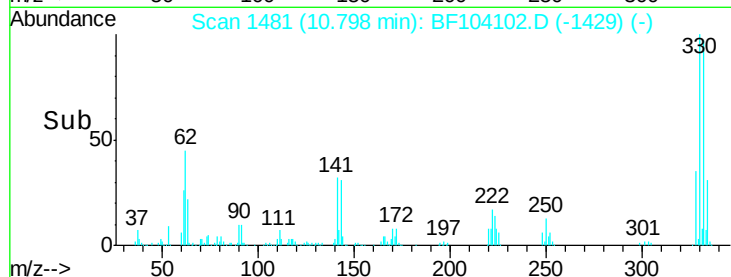
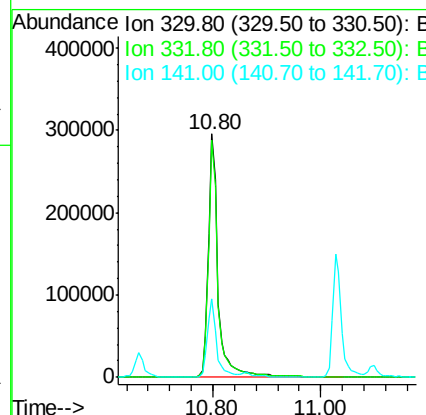
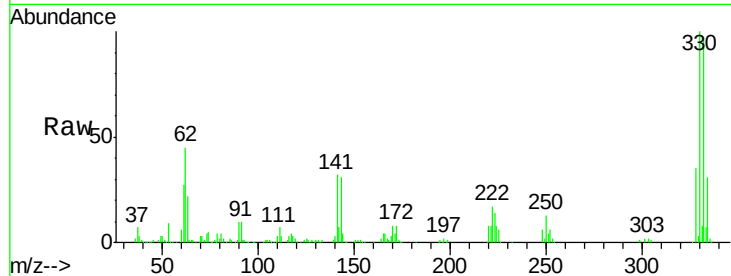
ClientSampled :

TP-CSMSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	29.3	29.9	44.9

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 43.146 ng

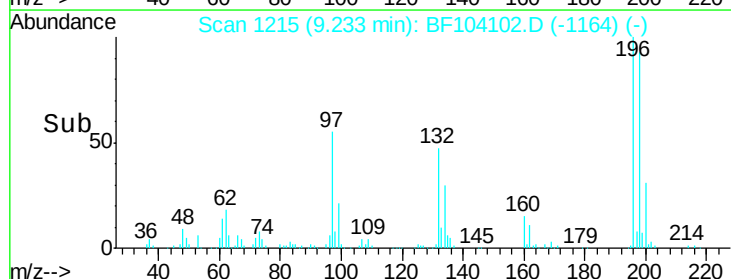
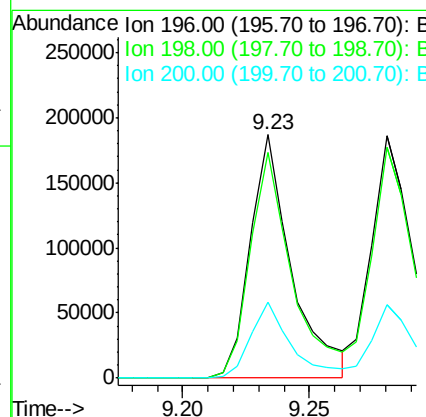
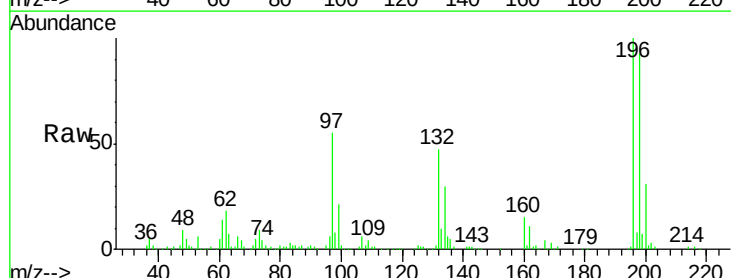
RT: 9.23 min Scan# 1215

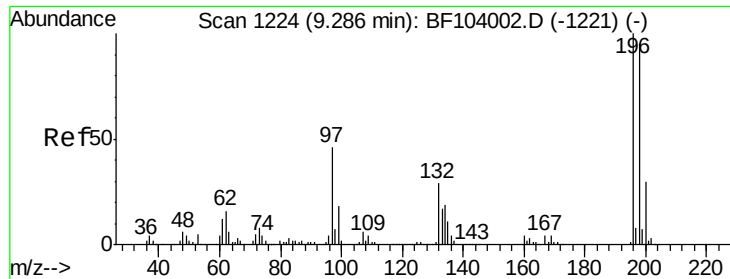
Delta R.T. 0.00 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	75.7	113.5
200	31.1	24.5	36.7





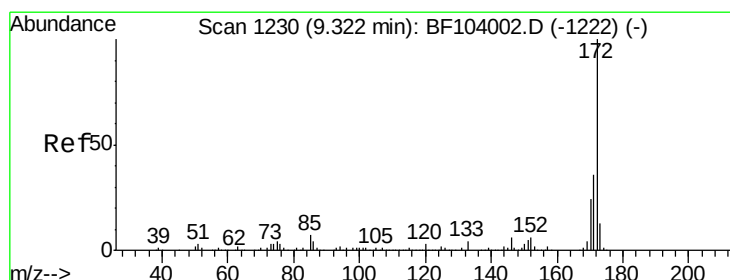
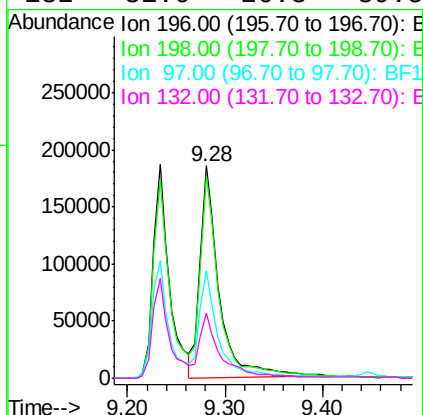
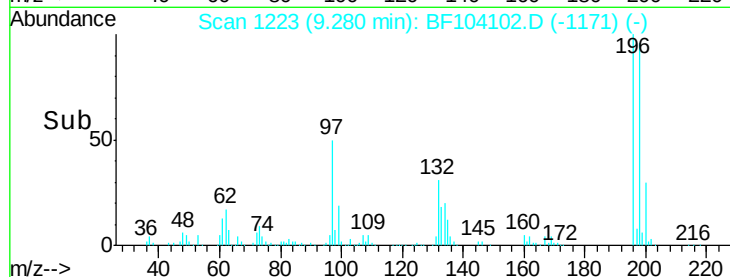
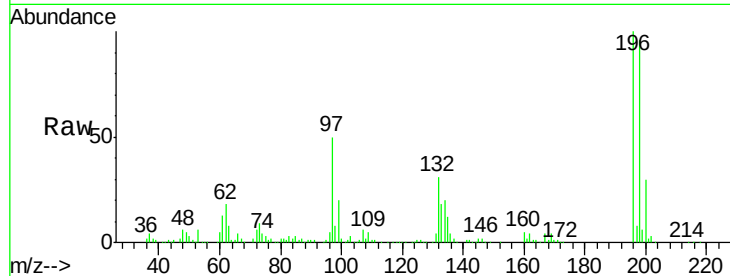
#43
 2,4,5-Trichlorophenol
 Concen: 42.372 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF104102.D
 Acq: 30 Mar 2018 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-CSMSD

Tot Ion:	196	Resp:	251790
Ion Ratio	Lower	Upper	
196	100		
198	95.5	74.6	112.0
97	50.4	42.9	64.3
132	31.0	26.3	39.5

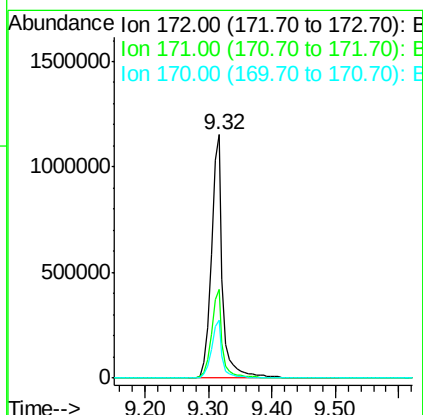
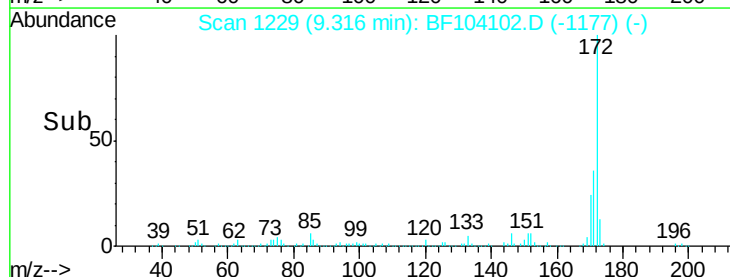
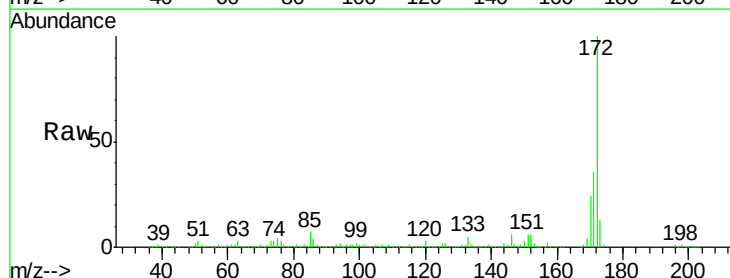
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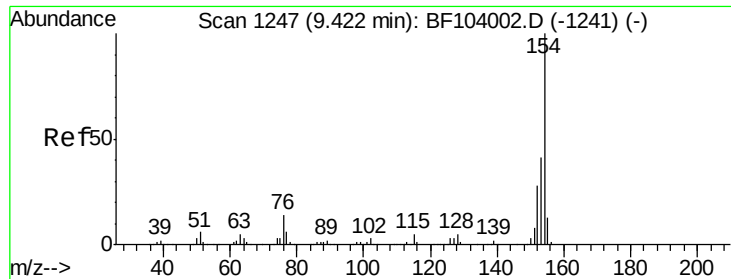
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#44
 2-Fluorobiphenyl
 Concen: 90.771 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF104102.D
 Acq: 30 Mar 2018 19:34

Tgt Ion:	172	Resp:	1458930
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4





#45

1,1'-Biphenyl

Concen: 41.275 ng

RT: 9.42 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Instrument :

BNA_F

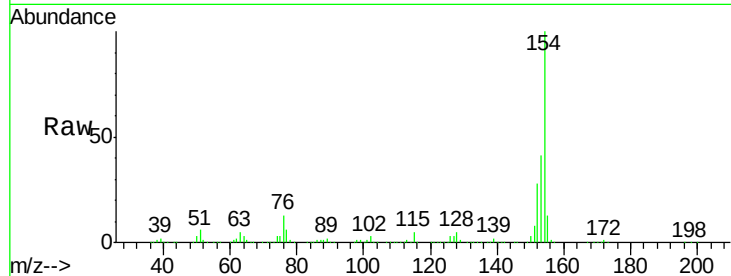
ClientSampleId :

TP-CSMSD

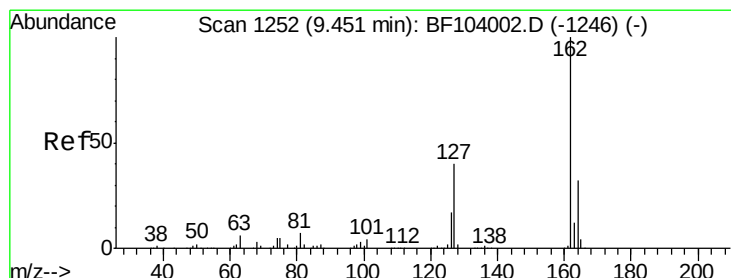
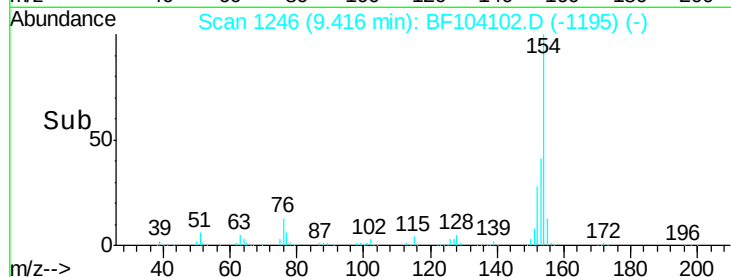
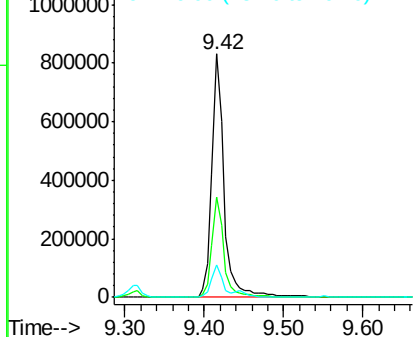
Tot Ion:	154	Resp:	897857
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.3	61.3
76	13.1	0.0	34.0

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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: 41.830 ng

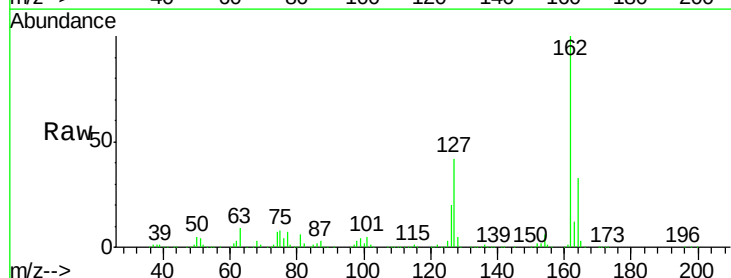
RT: 9.45 min Scan# 1251

Delta R.T. 0.00 min

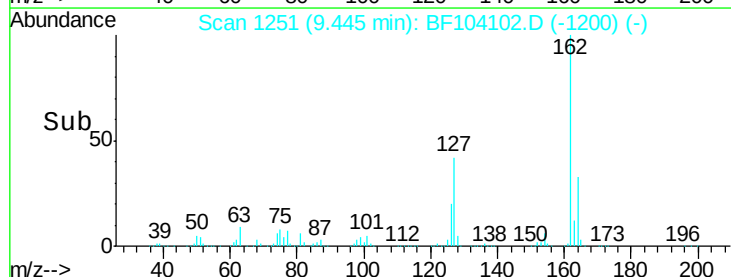
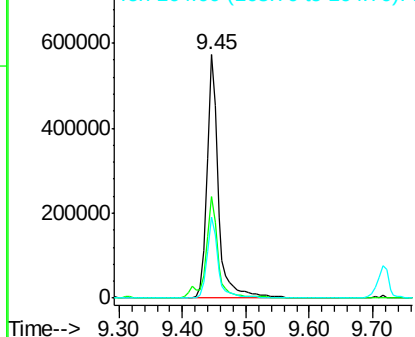
Lab File: BF104102.D

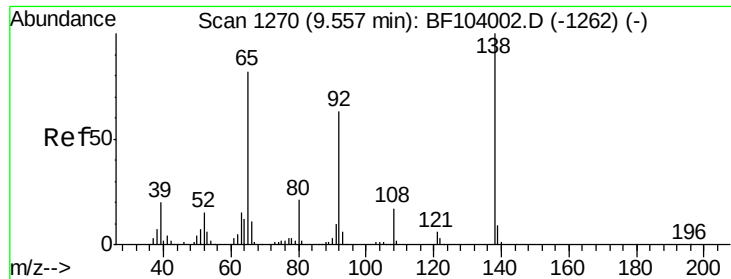
Acq: 30 Mar 2018 19:34

Tgt Ion:	162	Resp:	717759
Ion Ratio	Lower	Upper	
162	100		
127	41.6	33.9	50.9
164	33.0	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





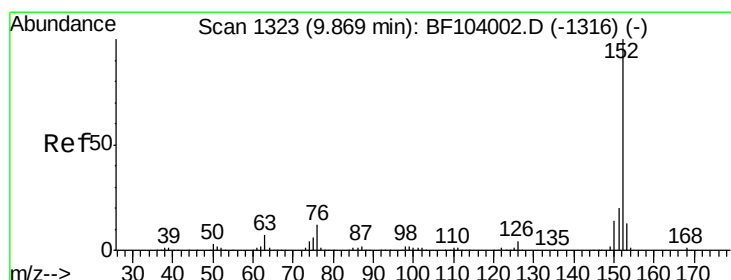
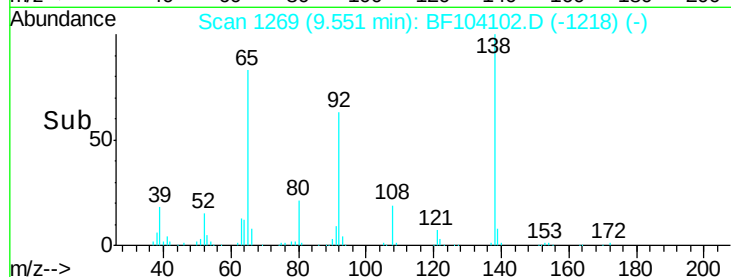
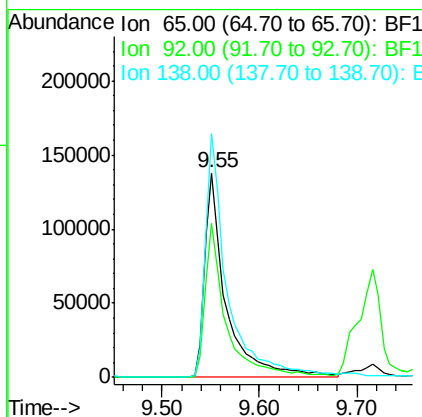
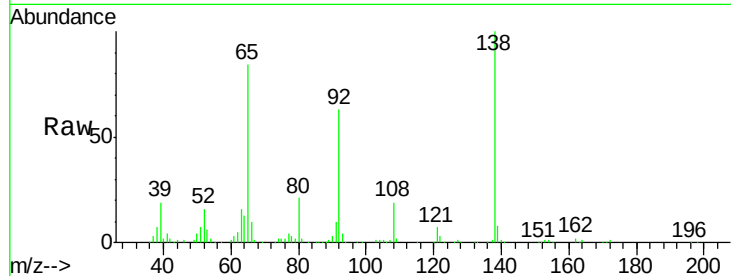
#47
2-Nitroaniline
Concen: 43.076 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampled :
TP-CSMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.5	55.8	83.6
138	119.3	91.2	136.8

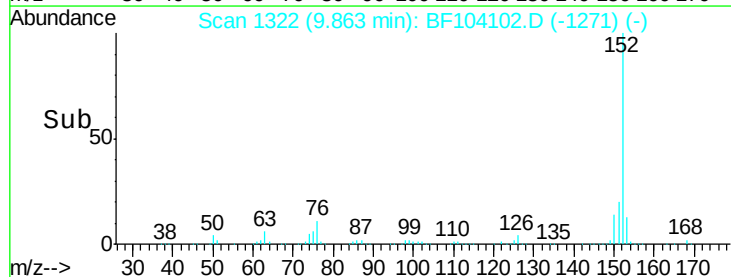
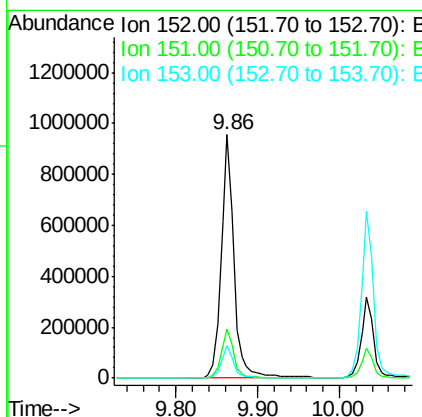
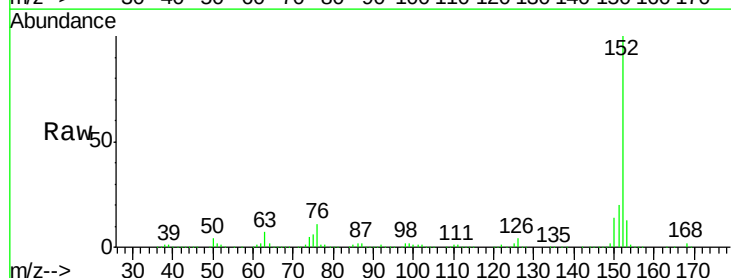
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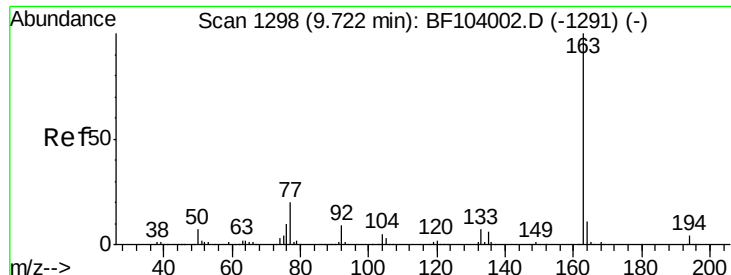
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#48
Acenaphthylene
Concen: 40.363 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.4	10.7	16.1





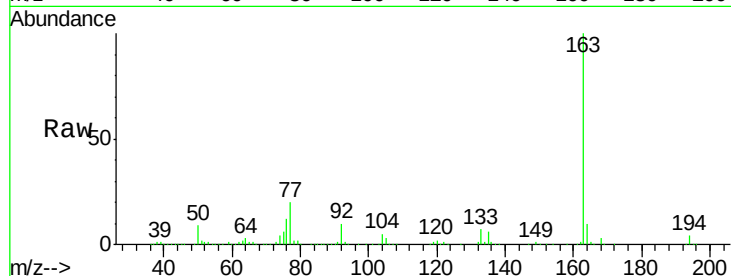
#49
Dimethylphthalate
Concen: 48.016 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampleId :
TP-CSMSD

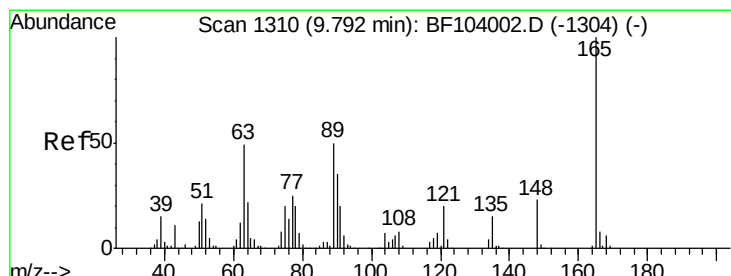
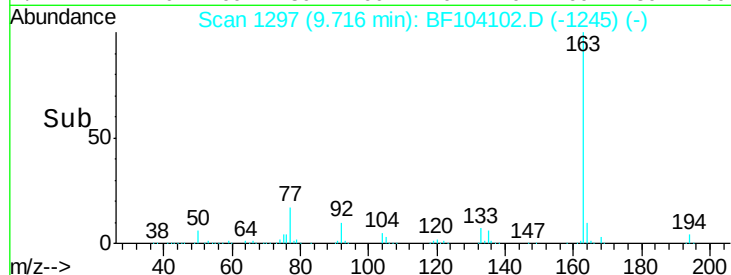
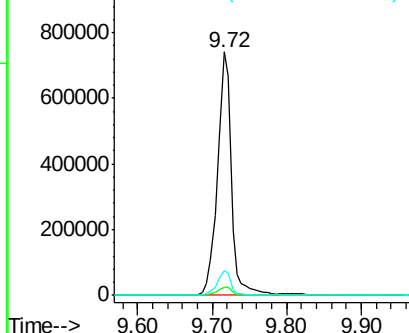
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.7	4.1	
164	10.3	8.2	12.2	

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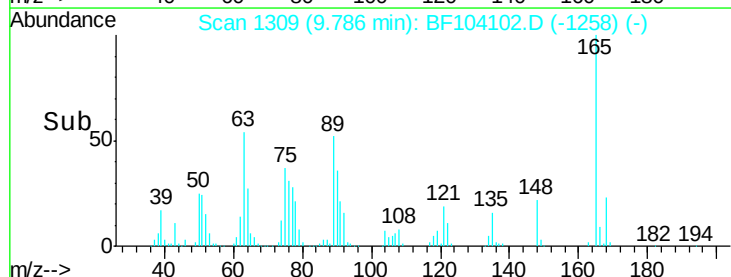
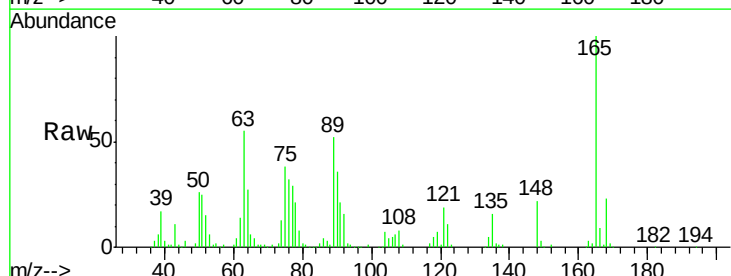
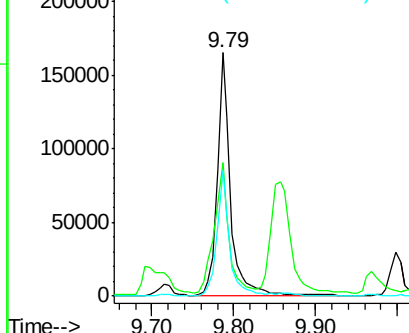
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

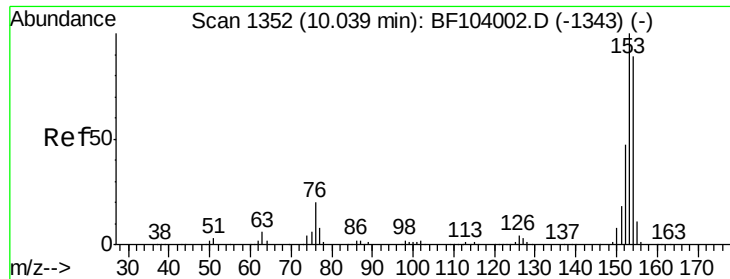


#50
2,6-Dinitrotoluene
Concen: 43.584 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.8	44.7	67.1	
89	51.9	44.0	66.0	

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





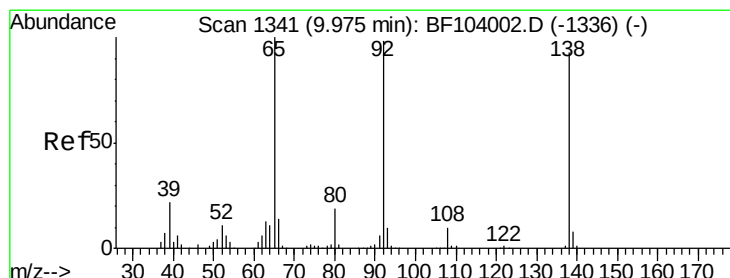
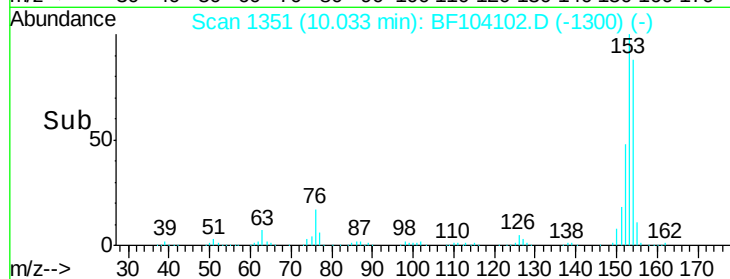
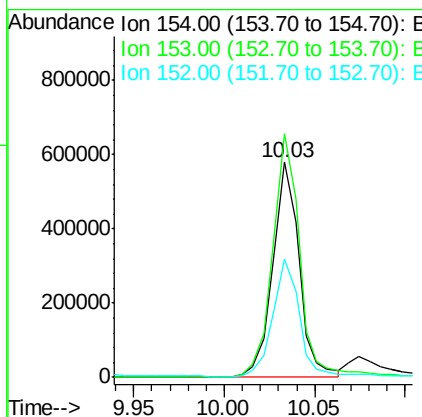
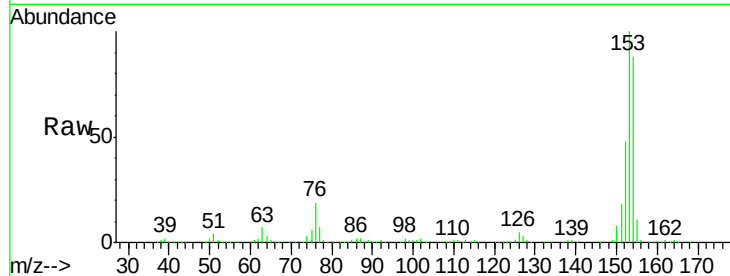
#51
Acenaphthene
Concen: 39.125 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampled :
TP-CSMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.2	136.8
152	54.9	43.8	65.8

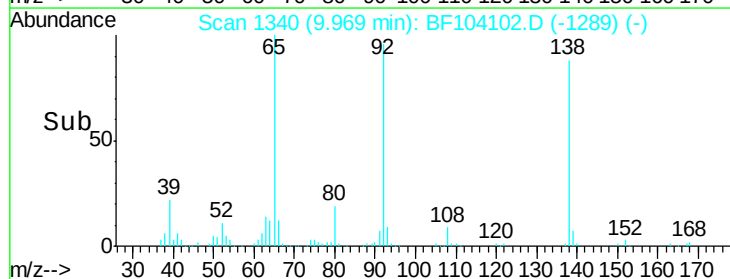
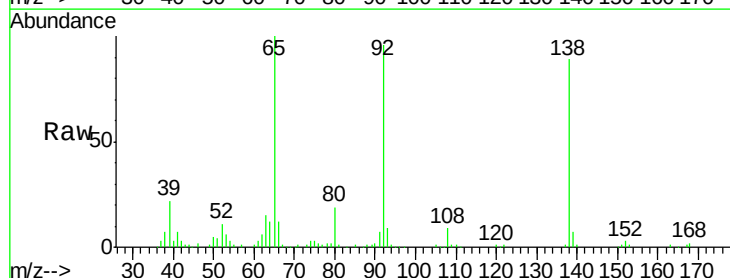
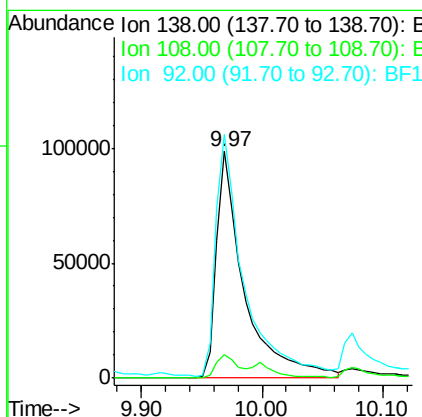
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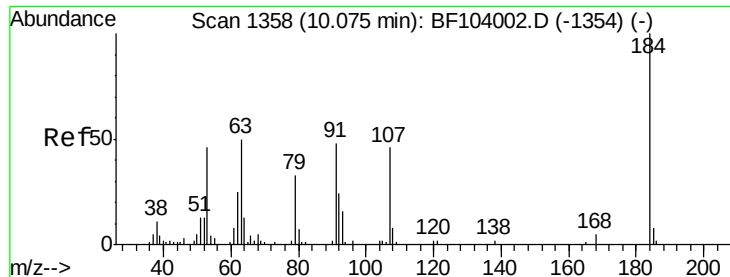
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#52
3-Nitroaniline
Concen: 31.664 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.4	14.0
92	107.5	89.4	134.2





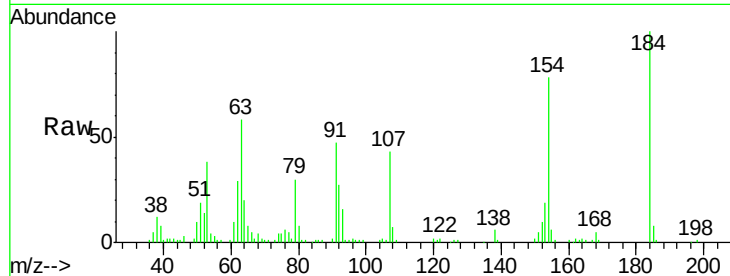
#53
2,4-Dinitrophenol
Concen: 57.249 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampled :
TP-CSMSD

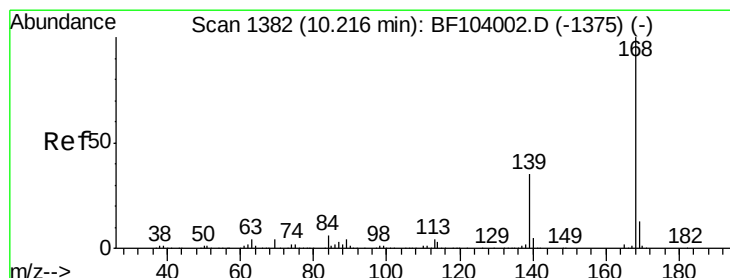
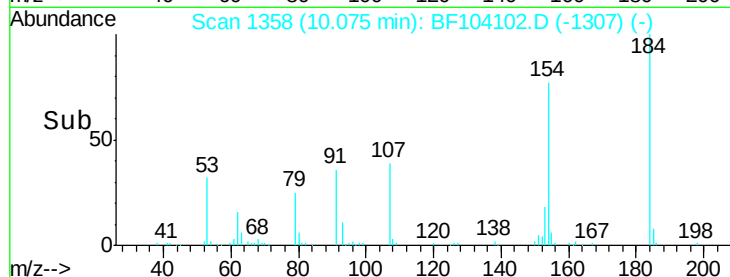
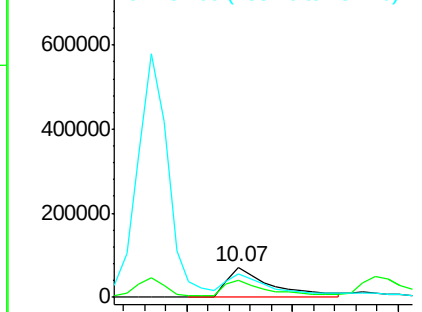
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	57.9	54.2	81.2	
154	77.8	184.0	276.0	

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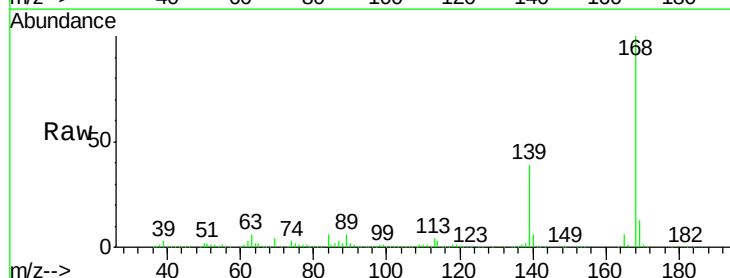


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

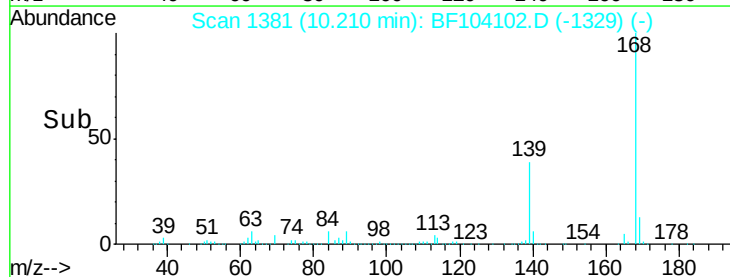
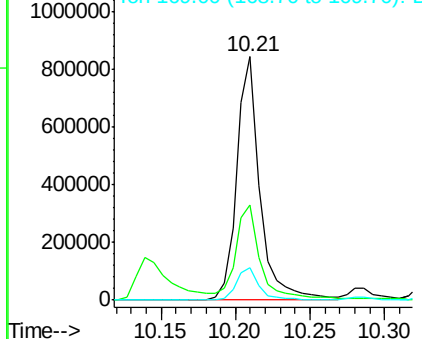


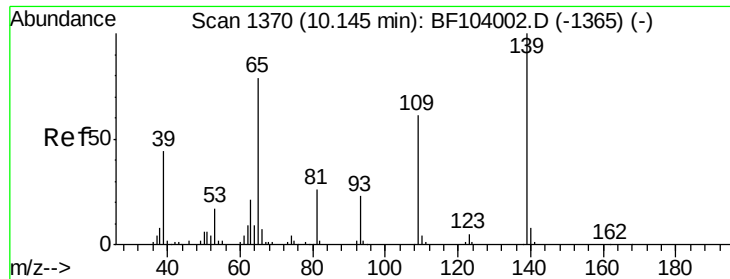
#54
Dibenzofuran
Concen: 41.670 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.8	30.1	45.1	
169	13.3	10.9	16.3	



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





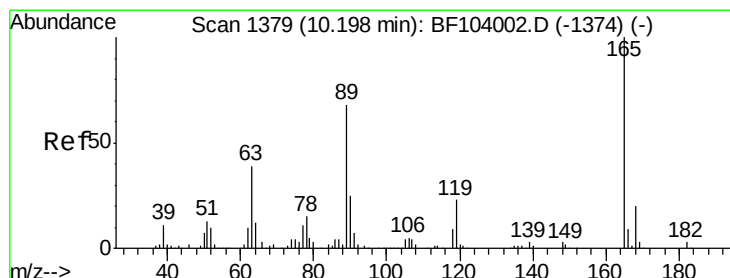
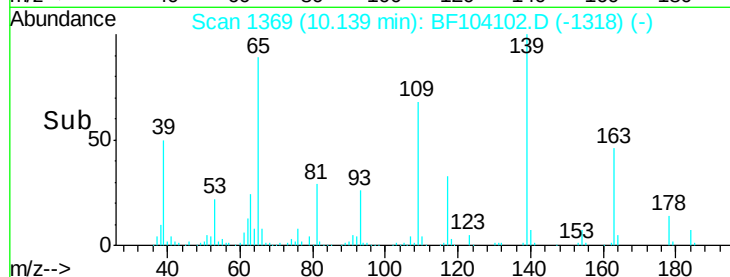
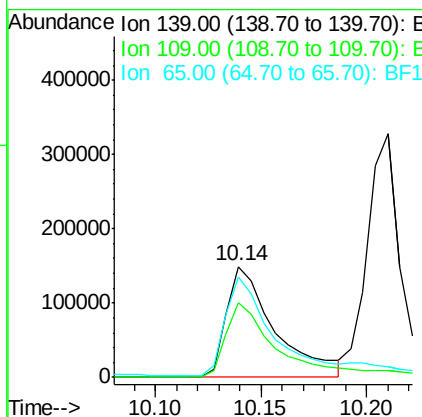
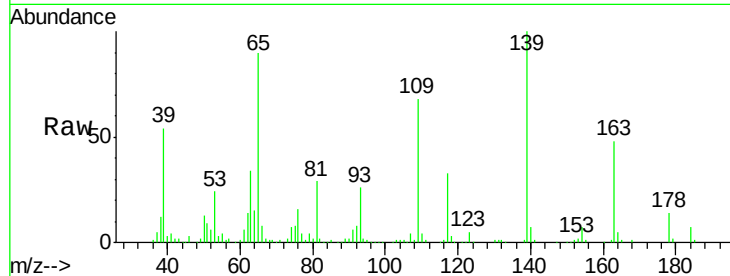
#55
4-Nitrophenol
Concen: 79.584 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampled :
TP-CSMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	236158		
109	67.8	48.4	88.4	
65	90.0	72.6	112.6	

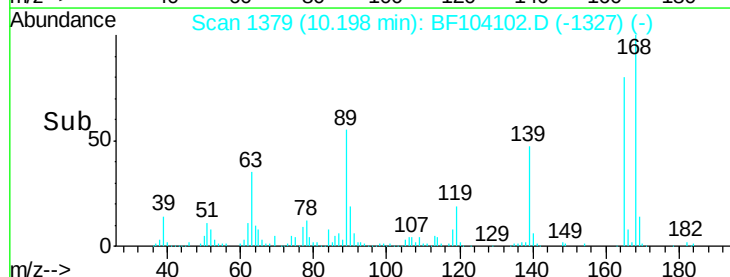
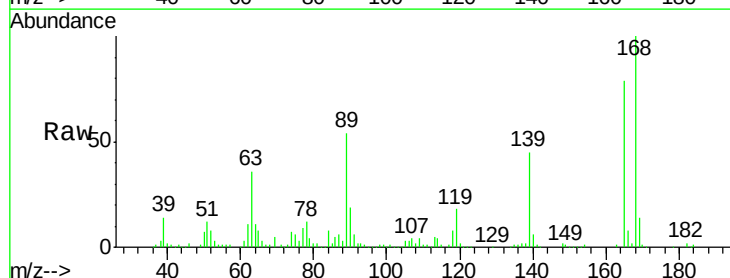
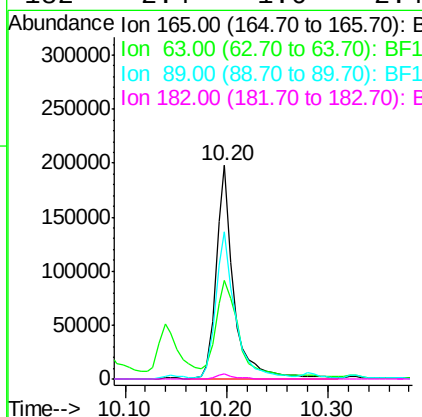
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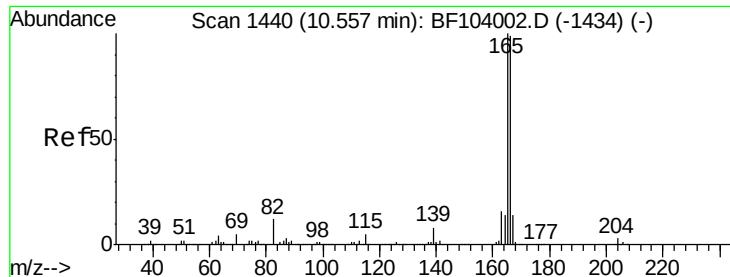
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#56
2,4-Dinitrotoluene
Concen: 43.004 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	236246		
63	46.2	36.4	54.6	
89	68.8	57.8	86.6	
182	2.4	1.6	2.4#	





#57

Fluorene

Concen: 41.256 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Instrument :

BNA_F

ClientSampleId :

TP-CSMSD

Tot Ion:166 Resp: 747347

Ion Ratio Lower Upper

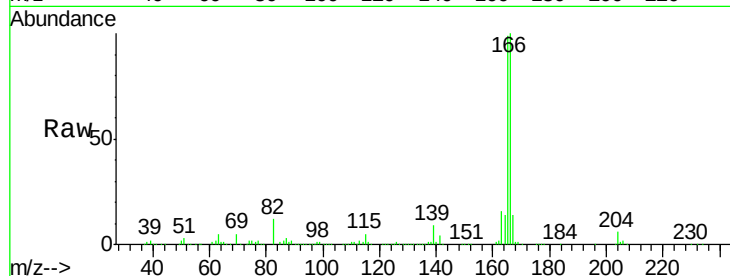
166 100

165 99.1 79.8 119.8

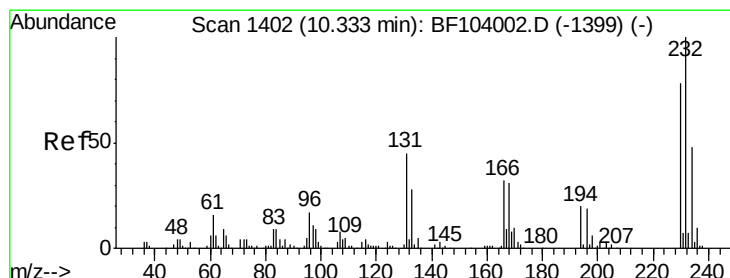
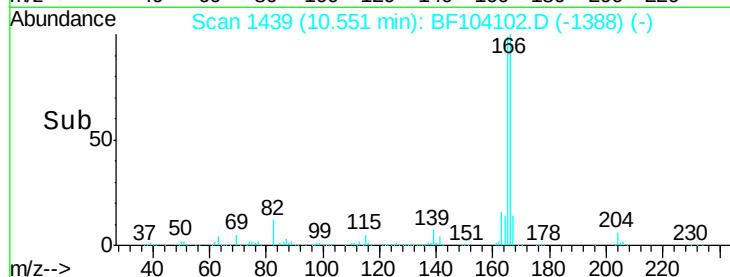
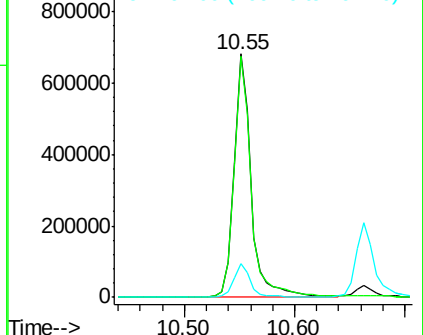
167 13.7 10.6 16.0

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.860 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Tgt Ion:232 Resp: 195268

Ion Ratio Lower Upper

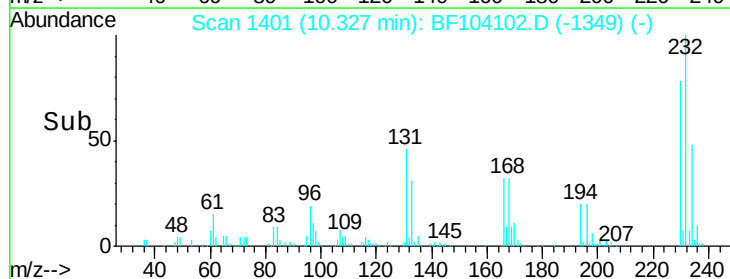
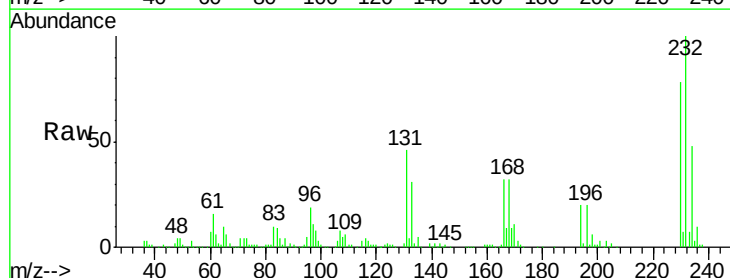
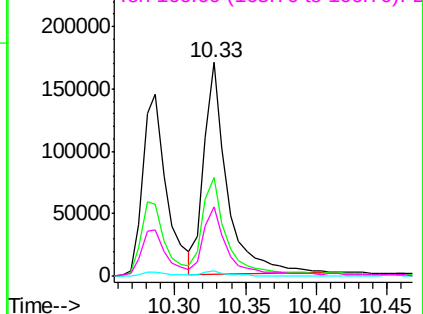
232 100

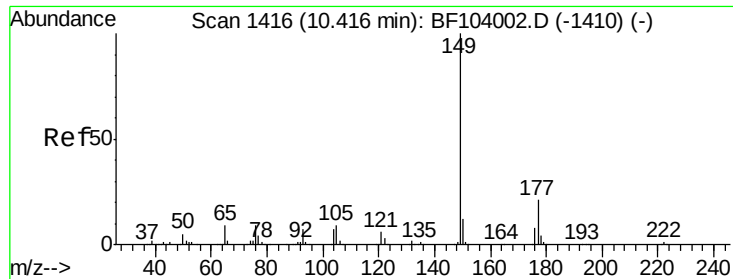
131 45.4 43.8 65.8

130 2.5 2.1 3.1

166 31.4 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





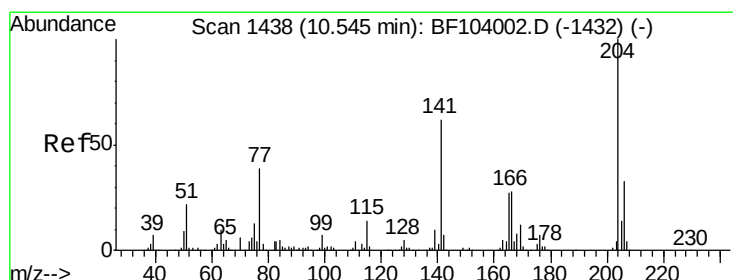
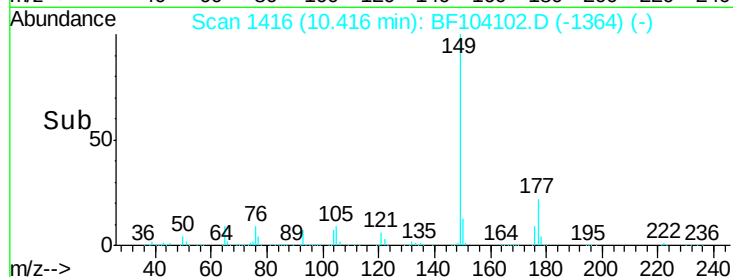
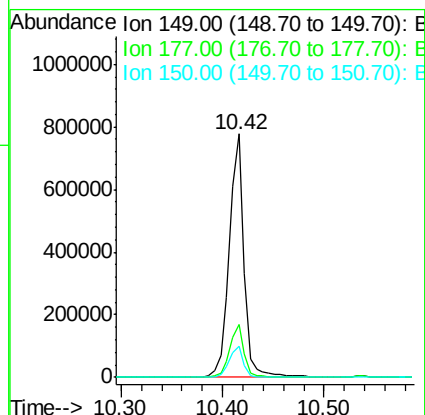
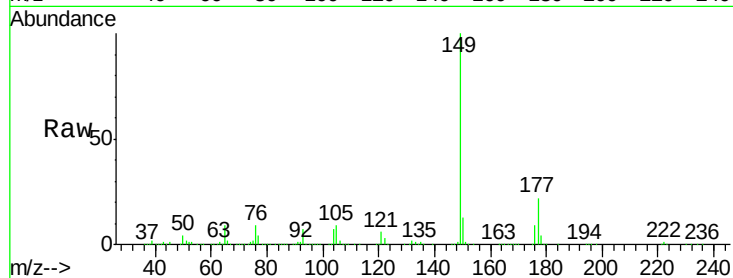
#59
Diethylphthalate
Concen: 41.268 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampled :
TP-CSMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.7	10.1	15.1

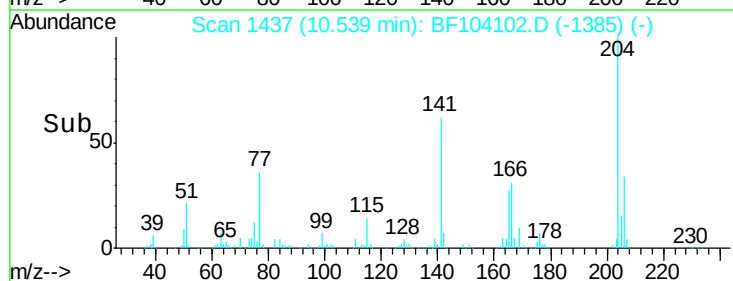
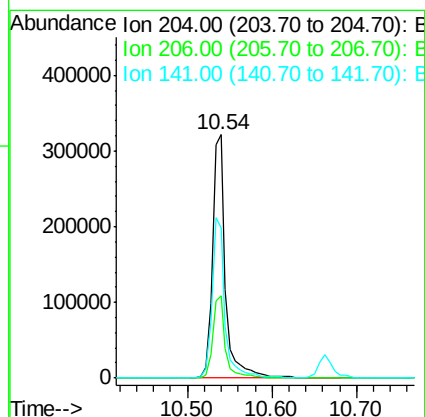
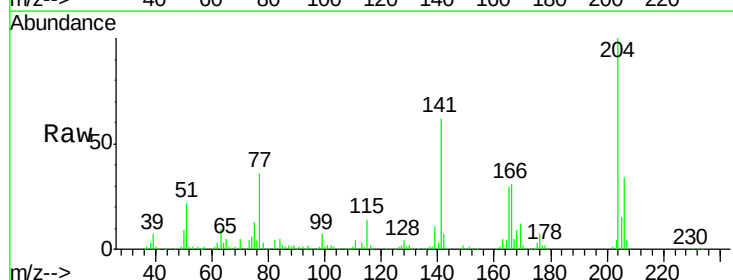
Manual Integrations
APPROVED

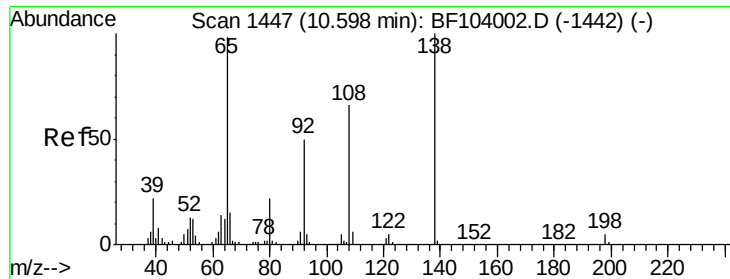
Sohil
4/2/2018 5:05:46 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.323 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	61.7	54.6	81.8





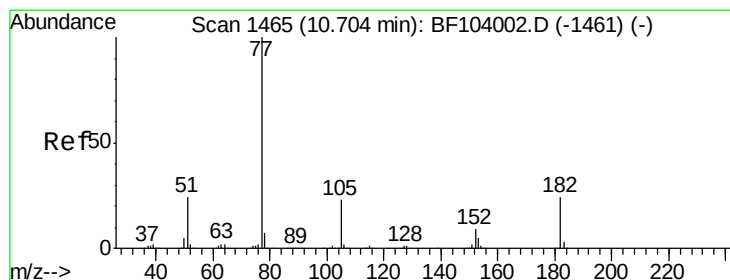
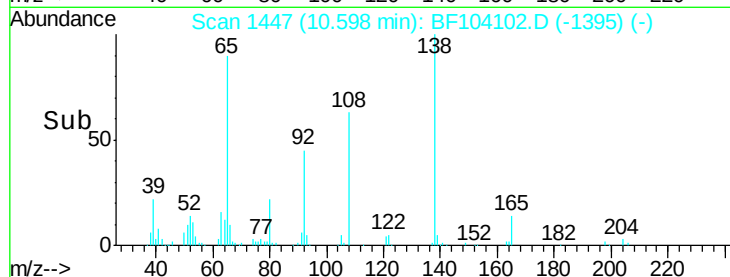
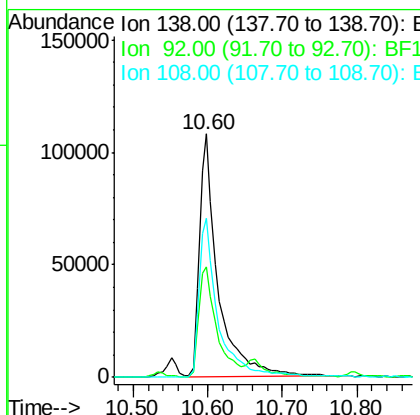
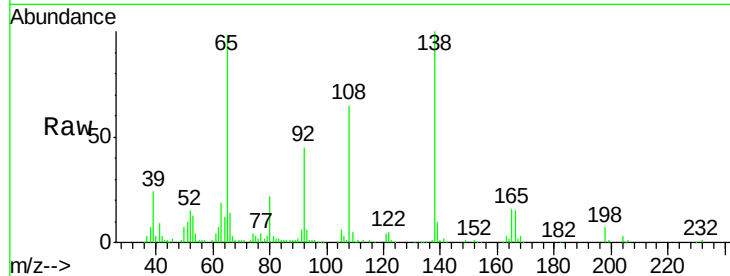
#61
4-Nitroaniline
Concen: 40.497 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampled :
TP-CSMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.5	30.2	70.2
108	65.5	52.5	92.5

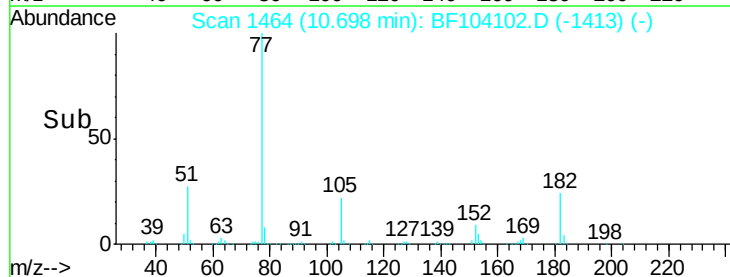
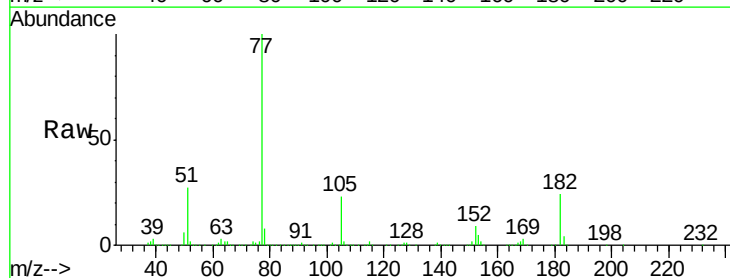
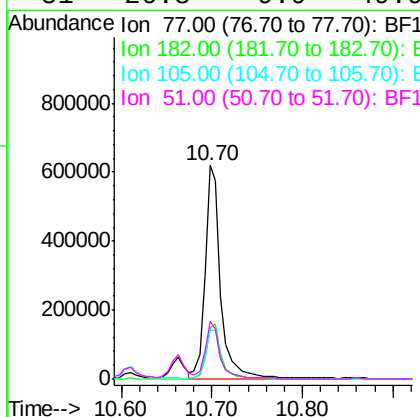
Manual Integrations
APPROVED

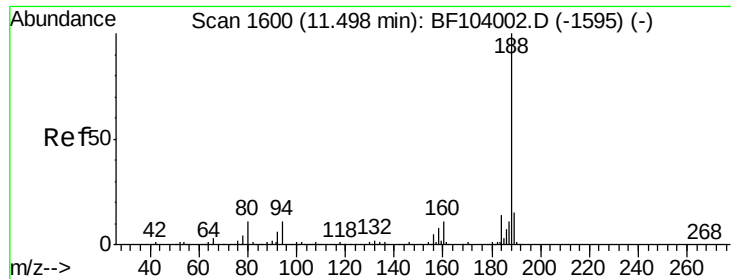
Sohil
4/2/2018 5:05:46 PM



#62
Azobenzene
Concen: 42.554 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.0	1.7	41.7
105	23.0	3.0	43.0
51	26.8	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Instrument :

BNA_F

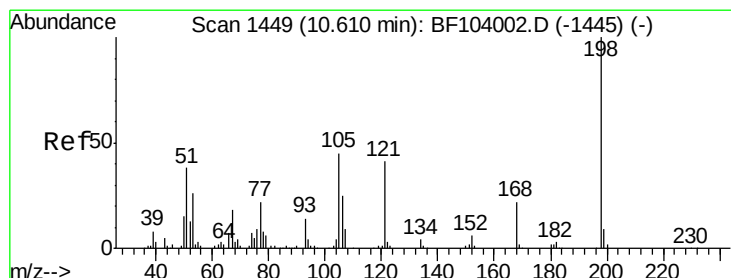
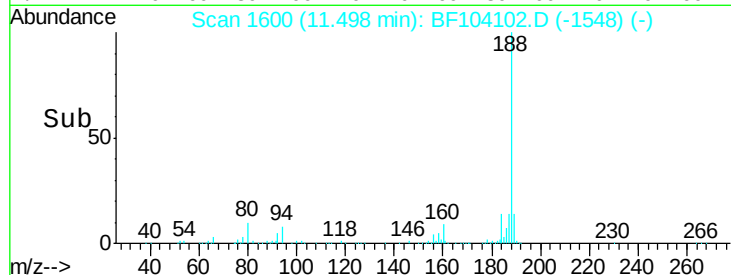
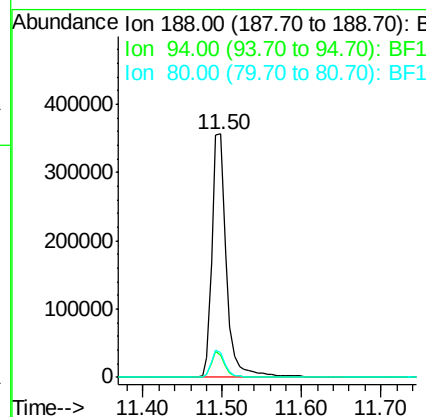
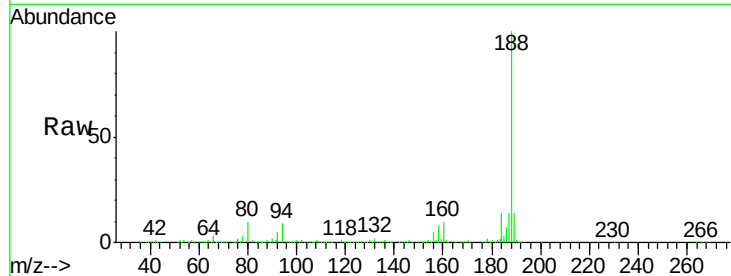
ClientSampleId :

TP-CSMSD

Tot Ion:	188	Resp:	453067
Ion Ratio	Lower	Upper	
188	100		
94	9.2	8.5	12.7
80	10.1	9.2	13.8

Manual Integrations
APPROVED

Sohil
4/2/2018 5:05:46 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 36.535 ng

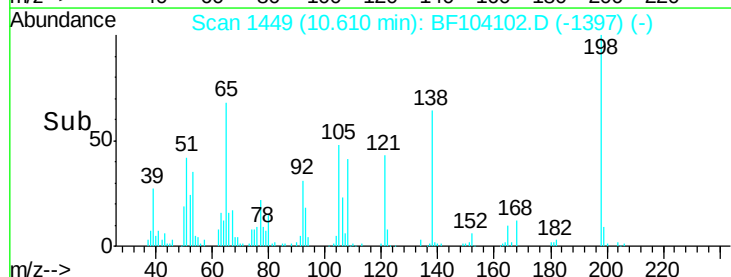
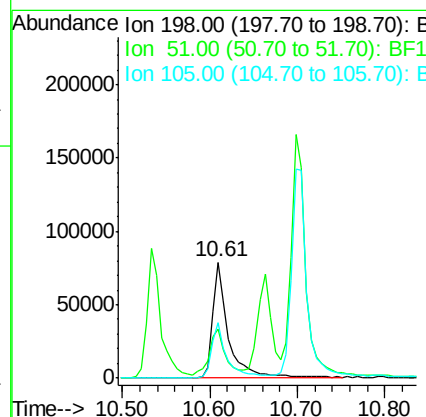
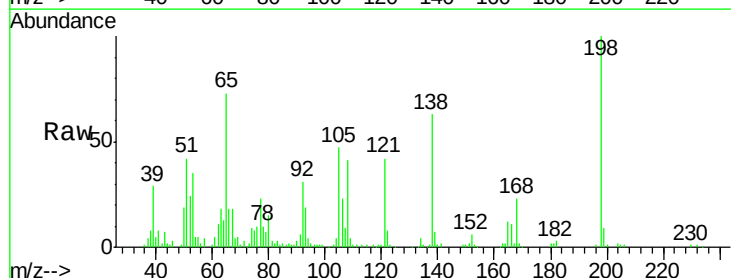
RT: 10.61 min Scan# 1449

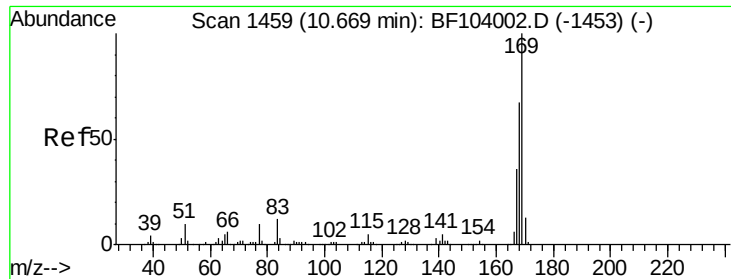
Delta R.T. 0.01 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Tgt Ion:	198	Resp:	100199
Ion Ratio	Lower	Upper	
198	100		
51	41.8	37.7	77.7
105	47.3	36.3	76.3





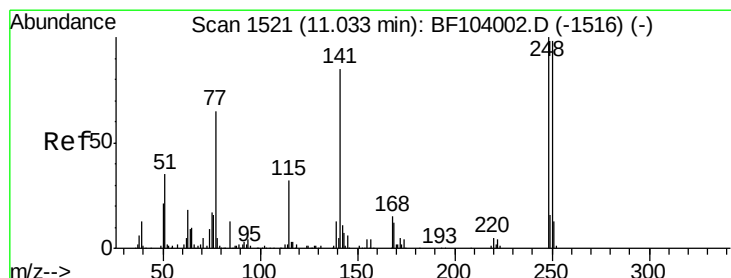
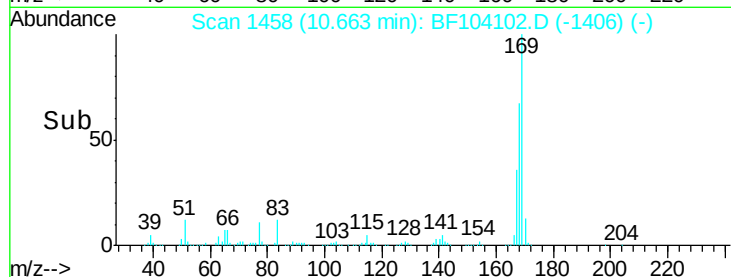
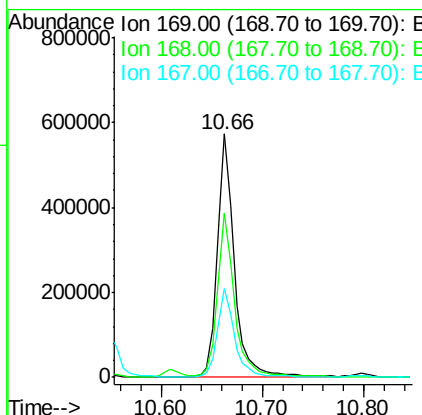
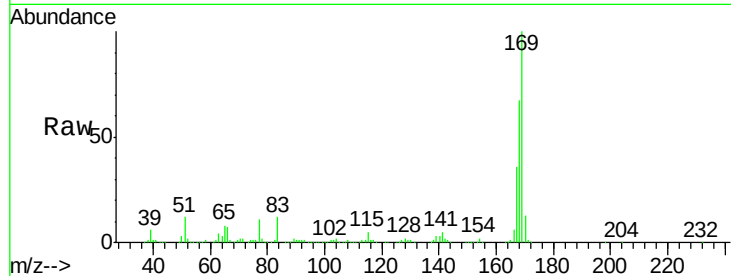
#65
n-Nitrosodiphenylamine
Concen: 43.746 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampleId :
TP-CSMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	671237		
168	67.4		54.4	81.6
167	36.3		29.8	44.6

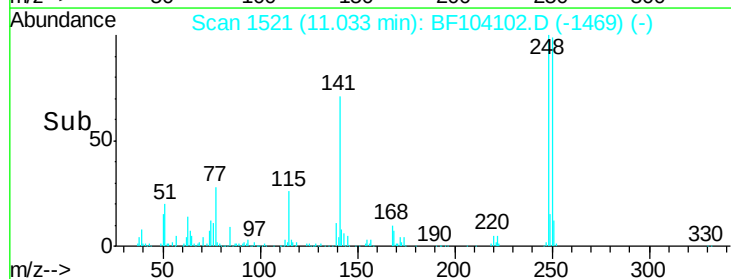
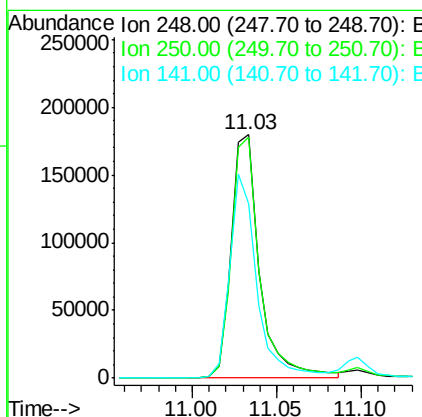
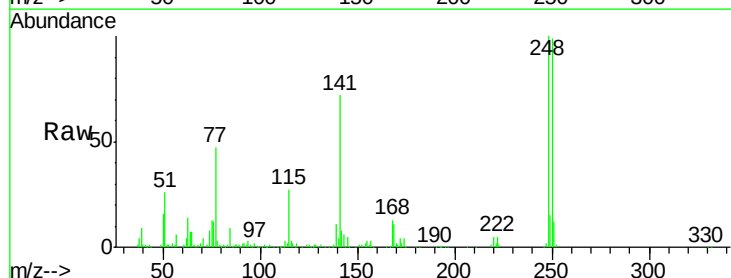
Manual Integrations
APPROVED

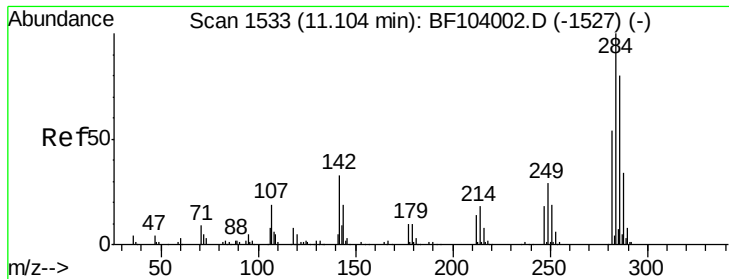
Sohil
4/2/2018 5:05:46 PM



#66
4-Bromophenyl-phenylether
Concen: 43.523 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	210963		
250	98.9		76.9	115.3
141	71.5		74.4	111.6#





#67

Hexachlorobenzene

Concen: 42.533 ng

RT: 11.10 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Instrument :

BNA_F

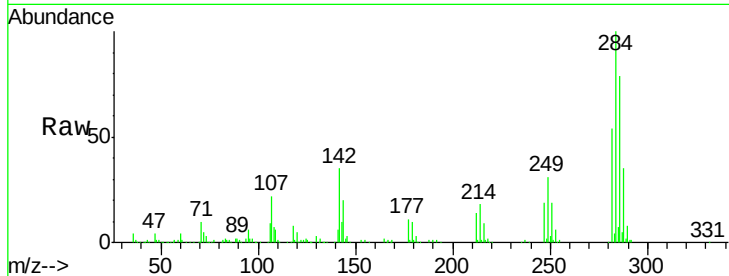
ClientSampleId :

TP-CSMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	237150		
142	34.5	34.6	52.0#	
249	30.6	24.8	37.2	

Manual Integrations
APPROVED

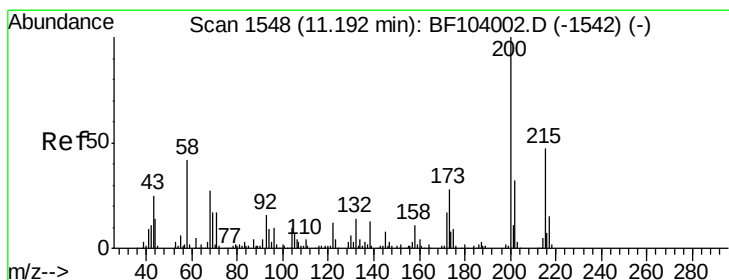
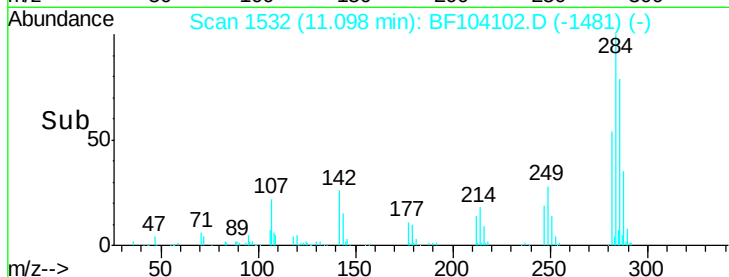
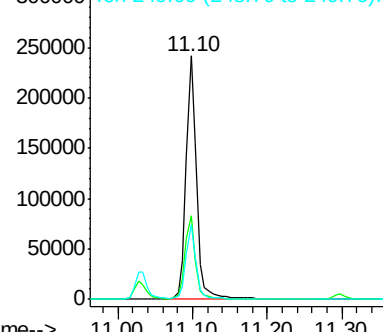
Sohil
4/2/2018 5:05:46 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.687 ng

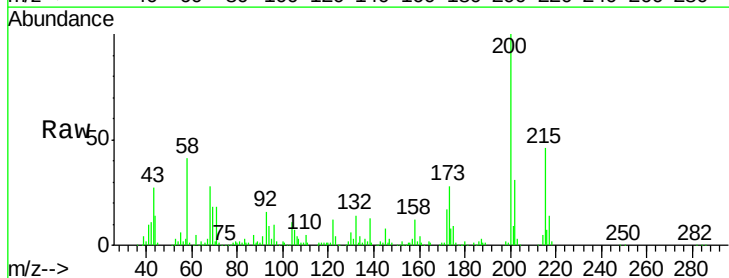
RT: 11.19 min Scan# 1547

Delta R.T. 0.01 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

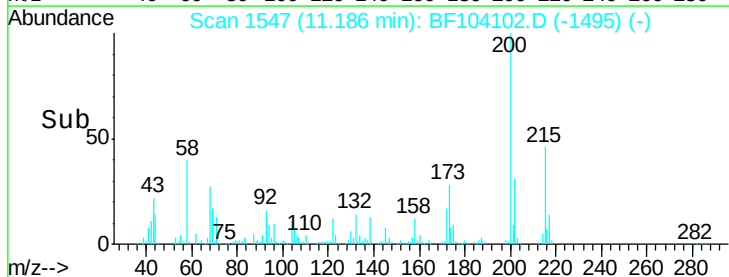
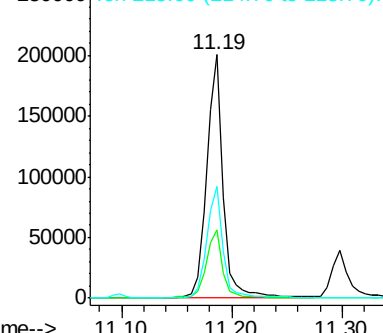
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	210060		
173	27.9	8.6	48.6	
215	46.1	25.1	65.1	

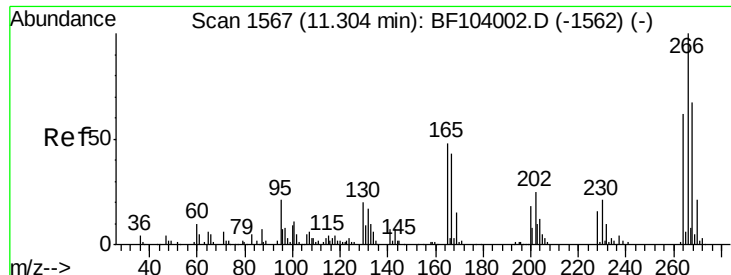


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





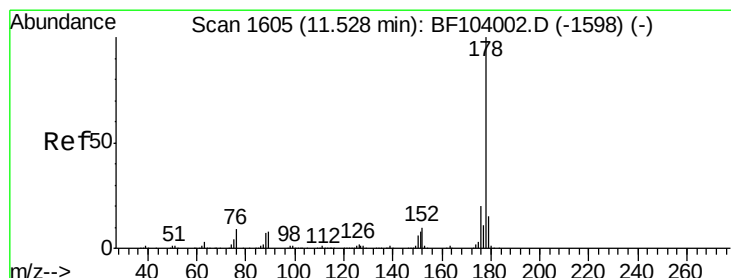
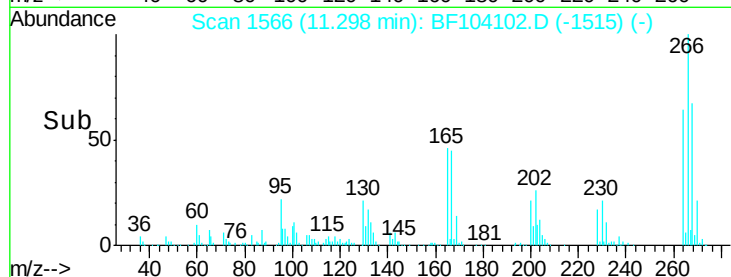
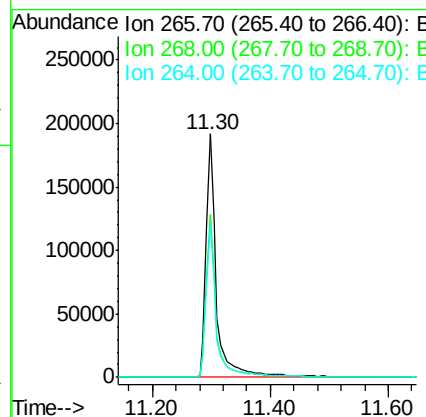
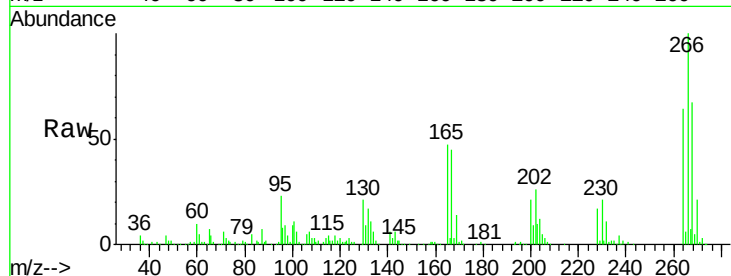
#69
 Pentachlorophenol
 Concen: 75.600 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF104102.D
 Acq: 30 Mar 2018 19:34

Instrument :
 BNA_F
 ClientSampled :
 TP-CSMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.9	51.1	76.7
264	63.5	49.5	74.3

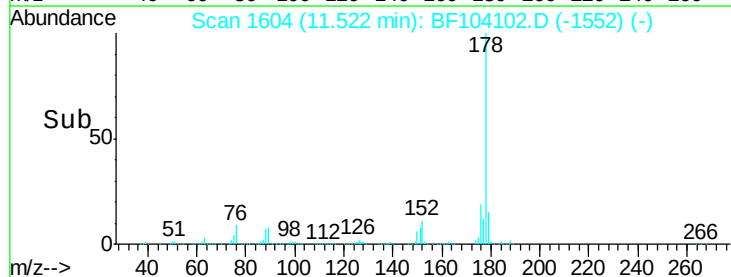
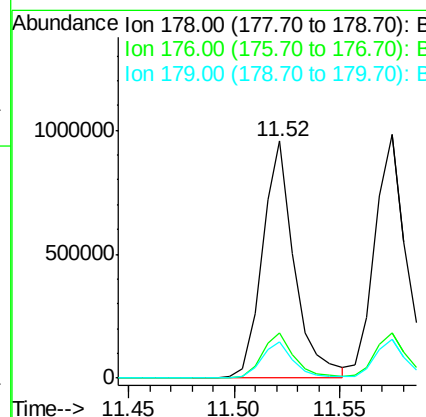
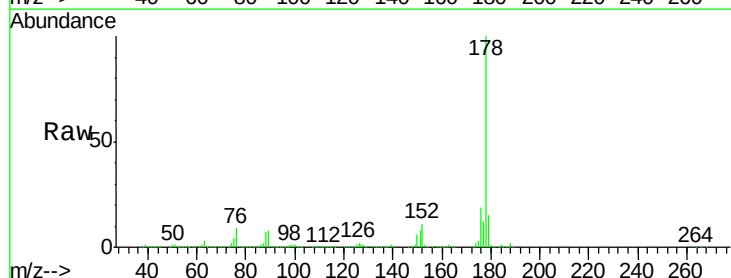
Manual Integrations
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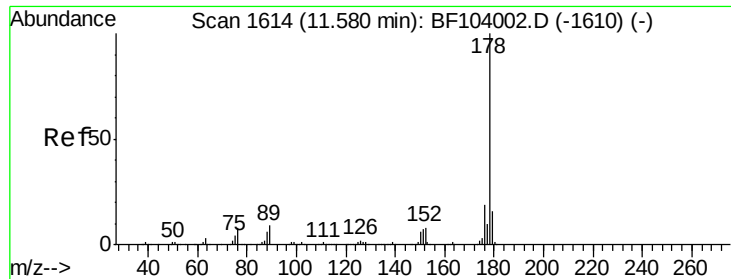
Sohil
 4/2/2018 5:05:46 PM



#70
 Phenanthrene
 Concen: 41.220 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BF104102.D
 Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.3	13.0	19.6





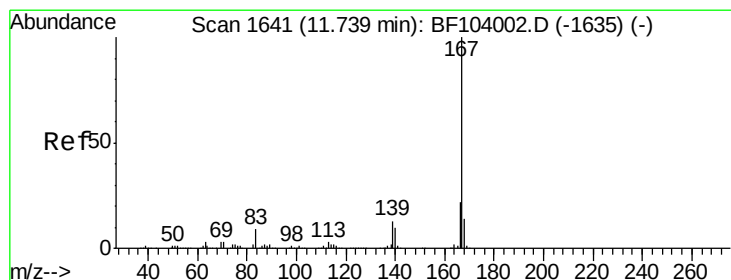
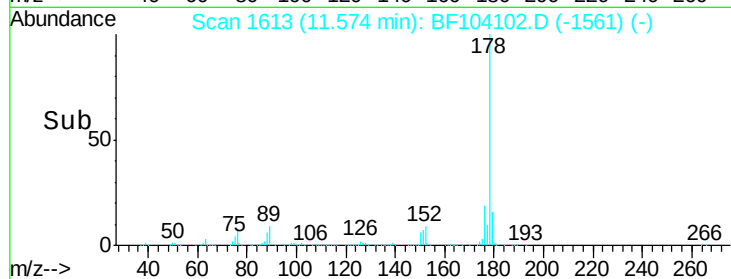
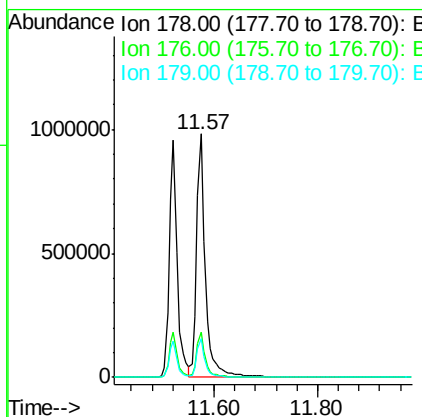
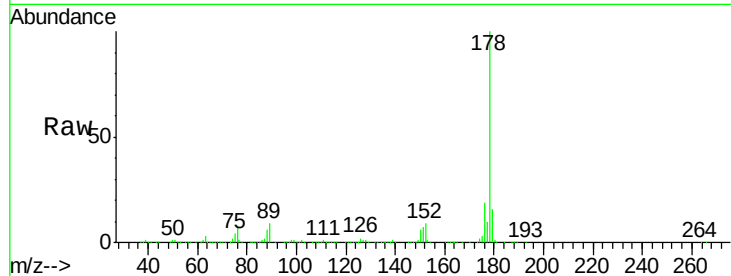
#71
 Anthracene
 Concen: 45.099 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF104102.D
 Acq: 30 Mar 2018 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-CSMSD

Tot Ion:178 Resp: 1155531
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.7 12.6 19.0

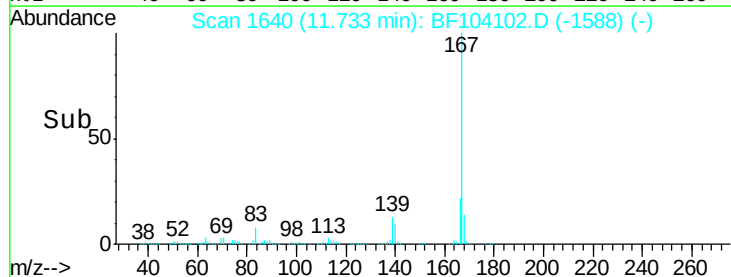
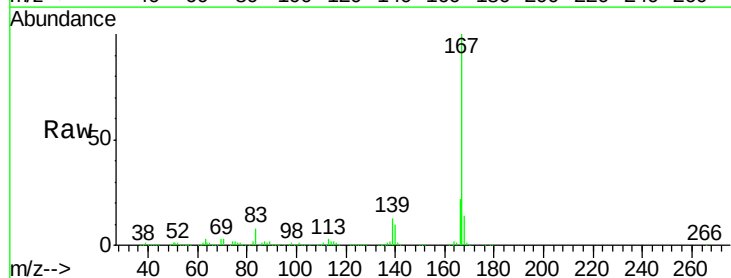
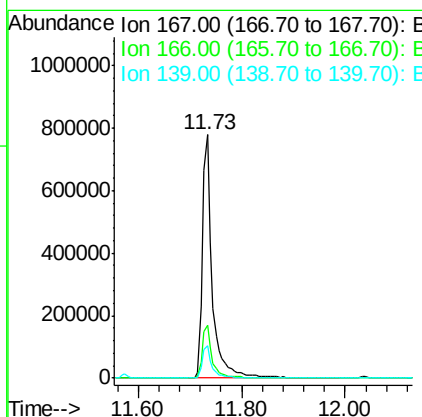
Manual Integrations
 APPROVED

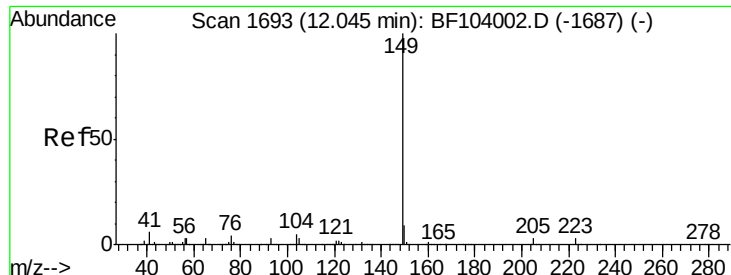
Sohil
 4/2/2018 5:05:46 PM



#72
 Carbazole
 Concen: 42.256 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. 0.01 min
 Lab File: BF104102.D
 Acq: 30 Mar 2018 19:34

Tgt Ion:167 Resp: 1033339
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.681 ng

RT: 12.04 min Scan# 1692

Delta R.T. 0.01 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Instrument :

BNA_F

ClientSampled :

TP-CSMSD

Tot Ion:149 Resp: 1214106

Ion Ratio Lower Upper

149 100

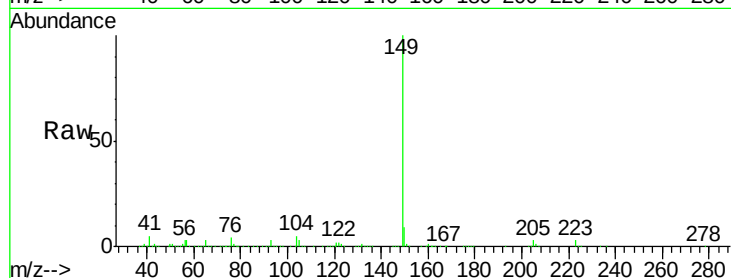
150 9.3 7.8 11.6

104 4.5 3.8 5.8

Manual Integrations
APPROVED

Sohil

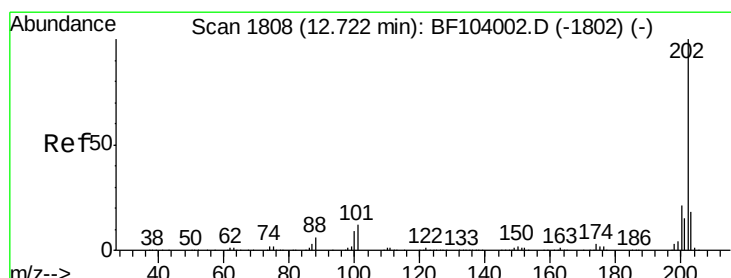
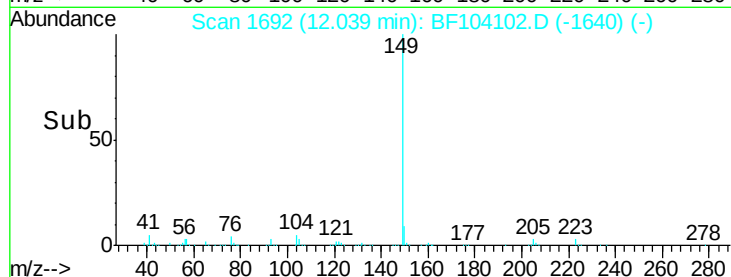
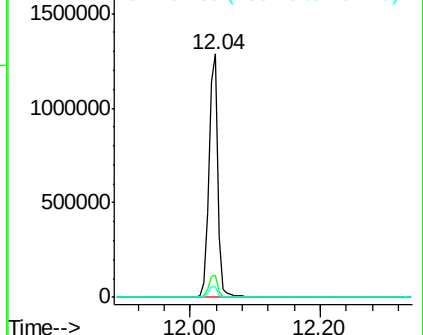
4/2/2018 5:05:46 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.172 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

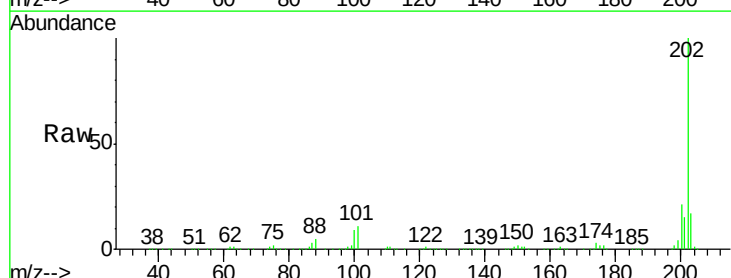
Tgt Ion:202 Resp: 1073517

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.1

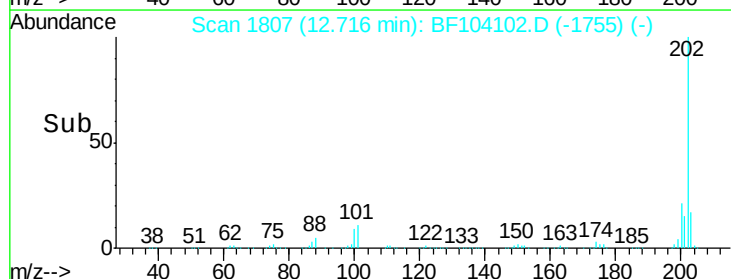
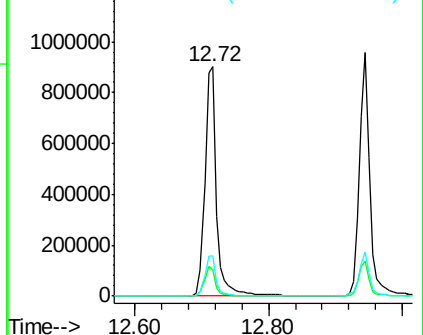
203 17.4 0.0 38.1

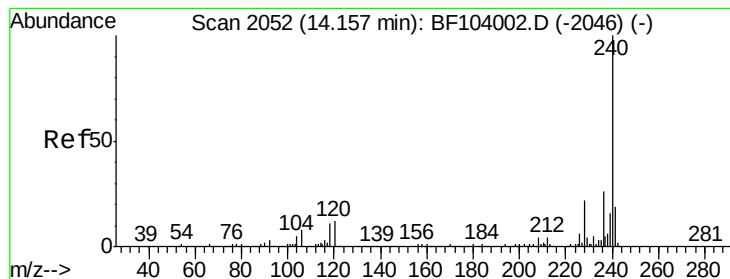


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





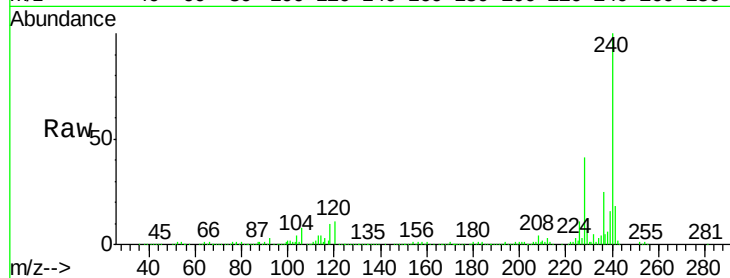
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampleId :
TP-CSMSD

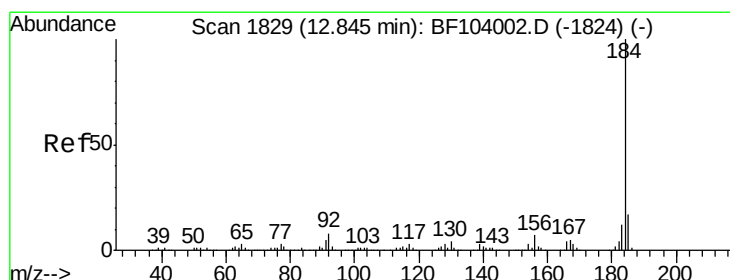
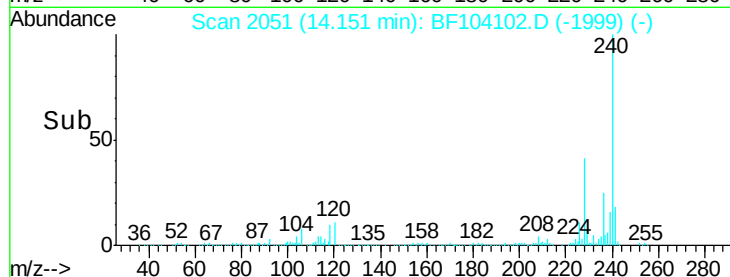
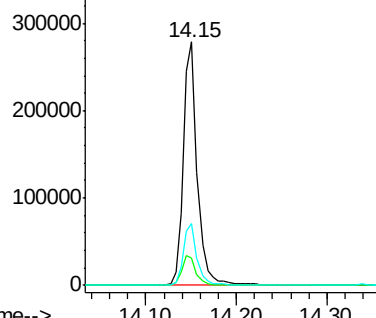
Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.0	9.5	14.3	
236	25.3	20.7	31.1	

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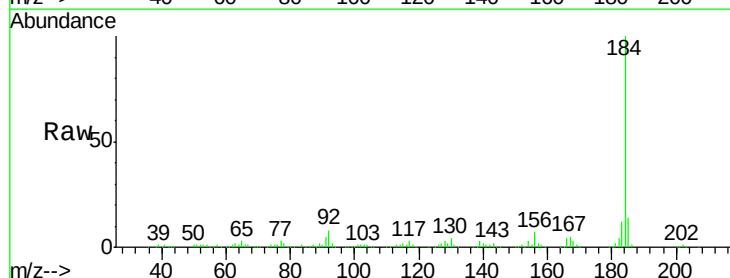


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

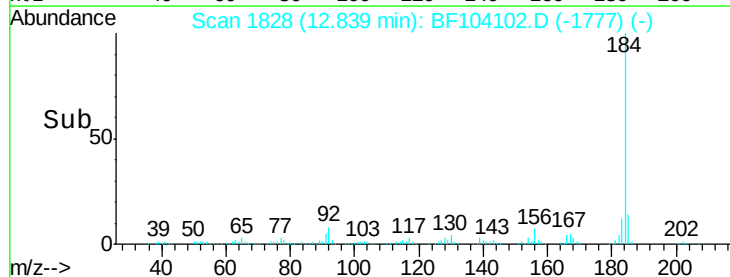
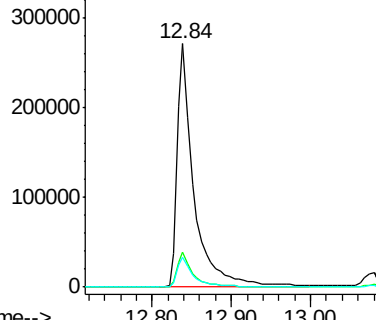


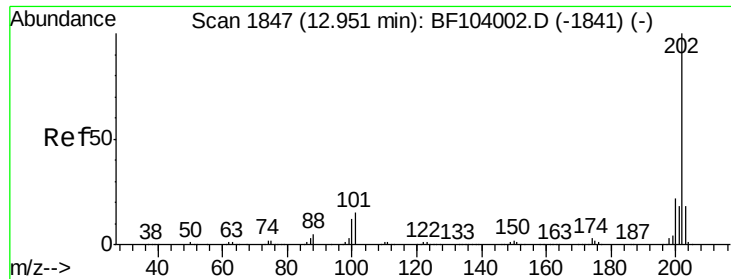
#76
Benzidine
Concen: 46.891 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.3	12.6	18.8	
183	12.2	9.3	13.9	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





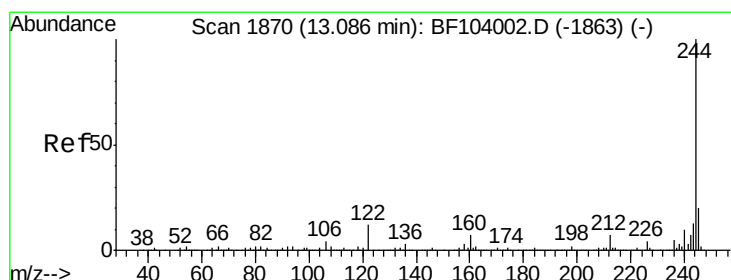
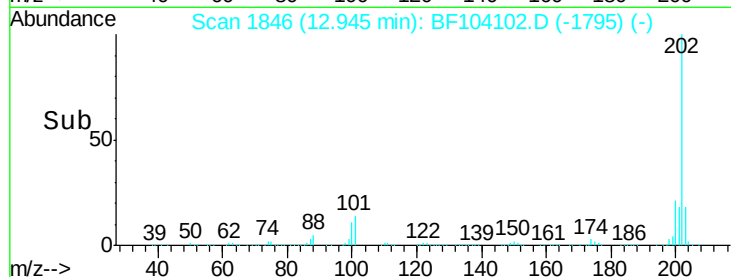
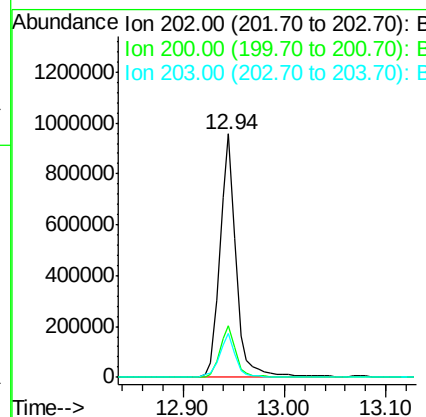
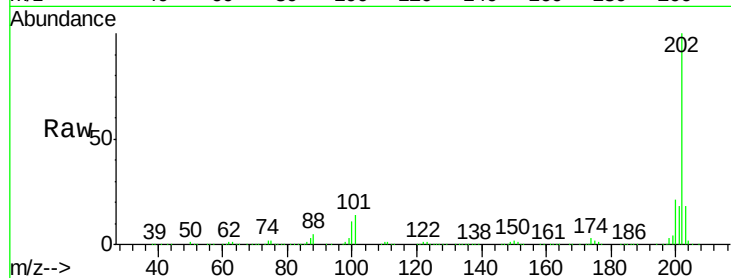
#77
Pvrene
Concen: 48.703 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampleId :
TP-CSMSD

Tot Ion:202 Resp: 1052057
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.8 14.3 21.5

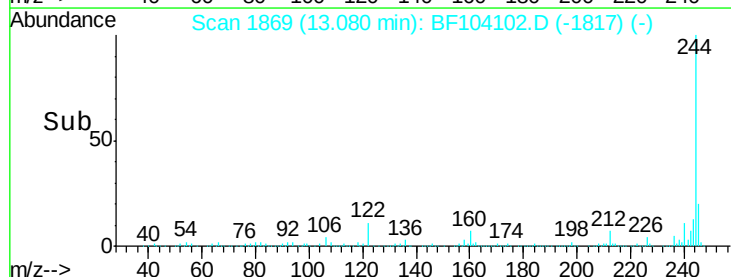
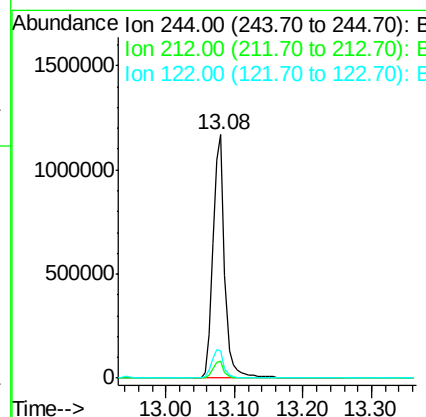
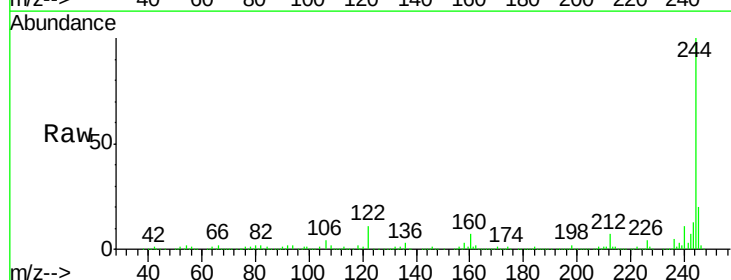
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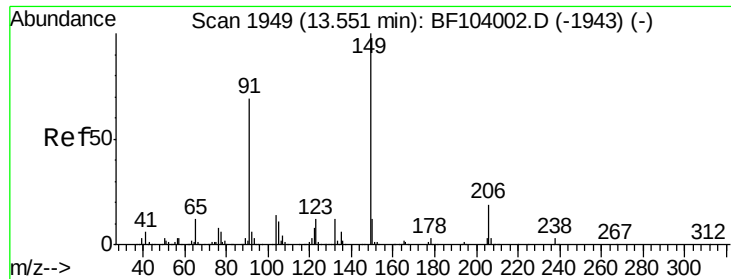
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#78
Terphenyl-d14
Concen: 108.364 ng
RT: 13.08 min Scan# 1869
Delta R.T. 0.01 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion:244 Resp: 1410306
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 11.4 11.0 16.4





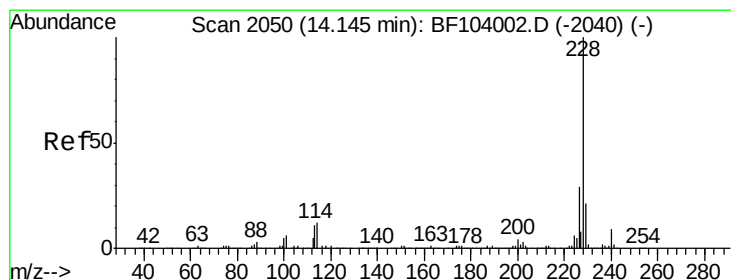
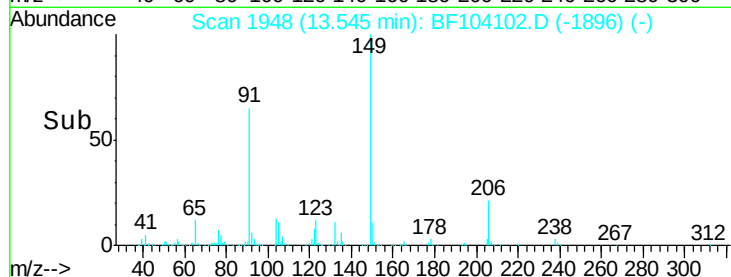
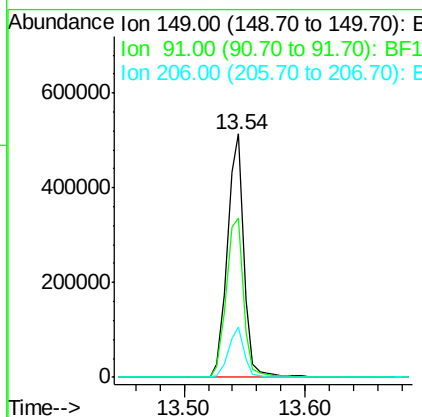
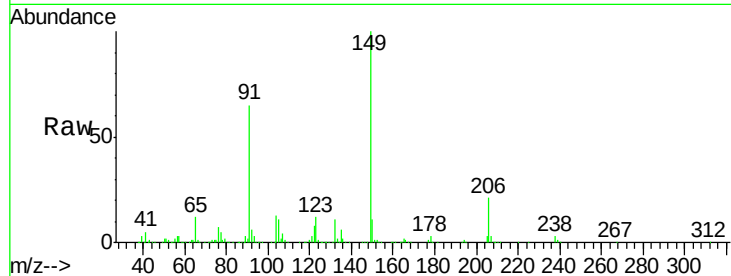
#79
Butylbenzylphthalate
Concen: 48.177 ng
RT: 13.54 min Scan# 1948
Delta R.T. 0.01 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampleId :
TP-CSMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.2	56.8	85.2
206	20.6	14.1	21.1

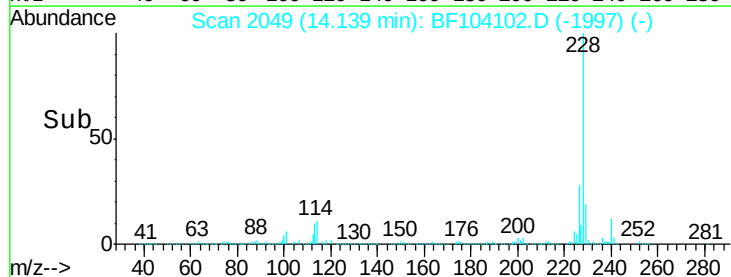
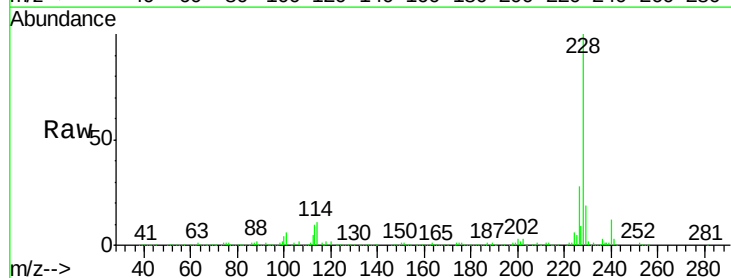
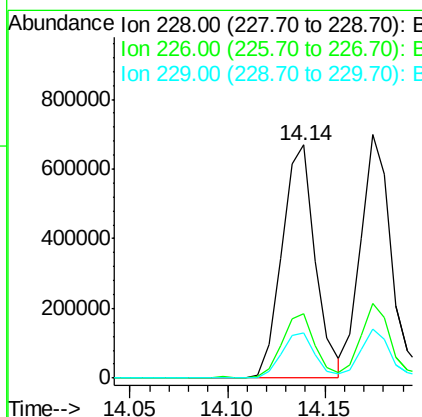
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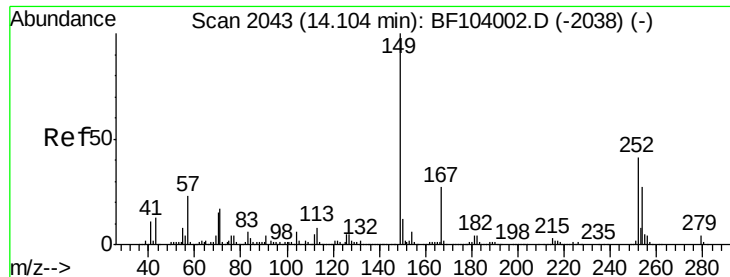
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#80
Benzo(a)anthracene
Concen: 42.152 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.5	15.8	23.6





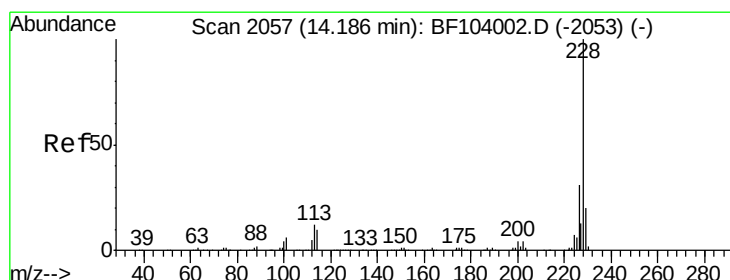
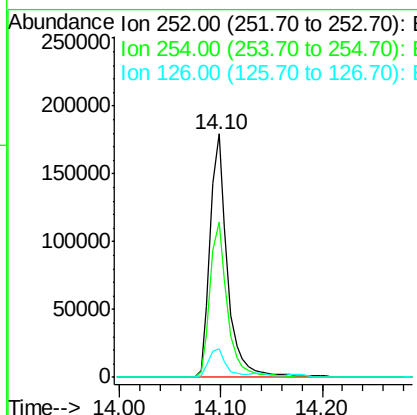
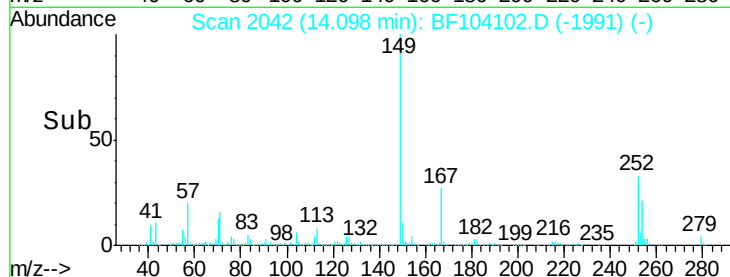
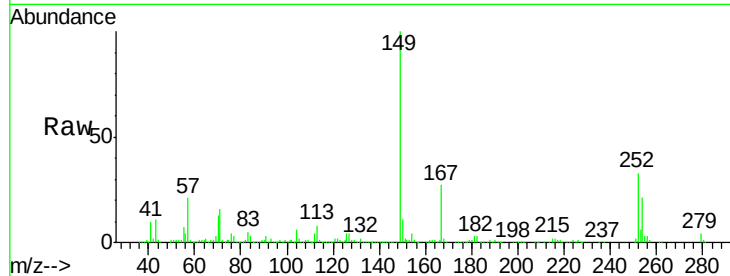
#81
 3,3'-Dichlorobenzidine
 Concen: 34.544 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BF104102.D
 Acq: 30 Mar 2018 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-CSMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	214996		
254	64.0	50.4	75.6	
126	11.9	11.3	16.9	

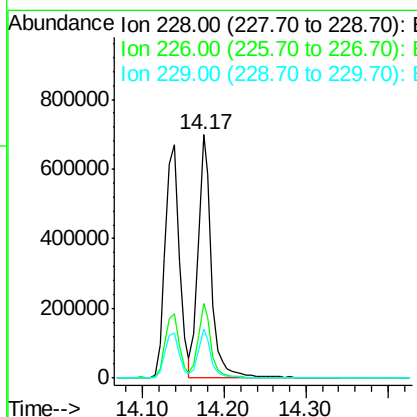
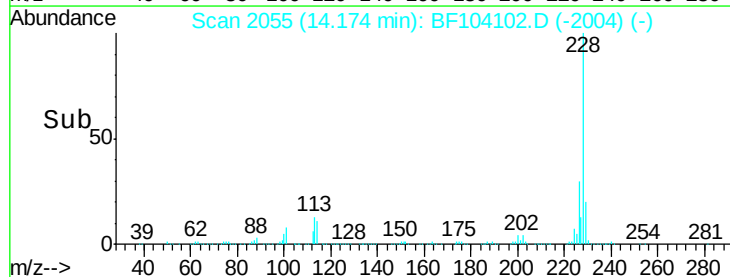
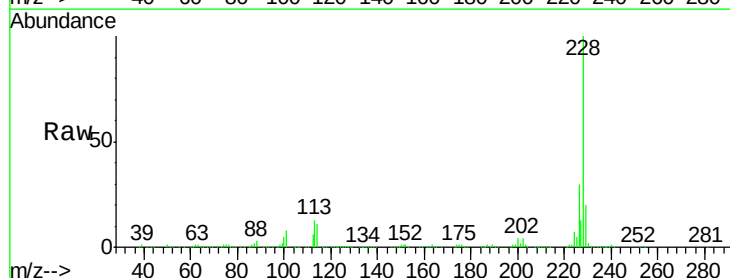
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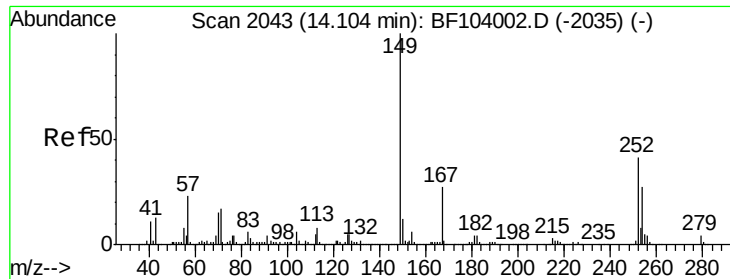
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#82
 Chrysene
 Concen: 43.434 ng
 RT: 14.17 min Scan# 2055
 Delta R.T. 0.00 min
 Lab File: BF104102.D
 Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	799898		
226	30.5	25.0	37.6	
229	19.9	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.543 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Instrument :

BNA_F

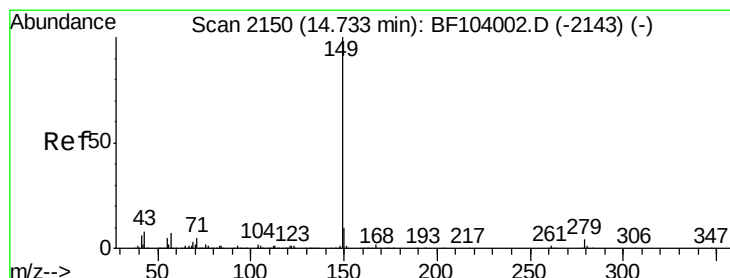
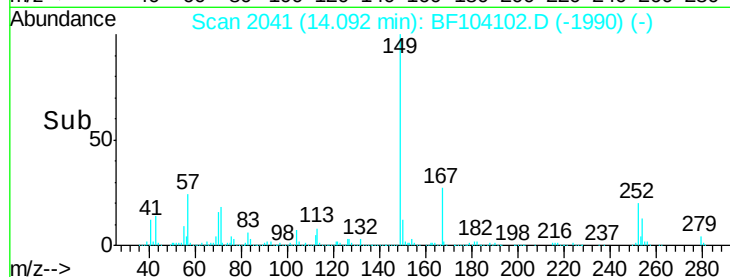
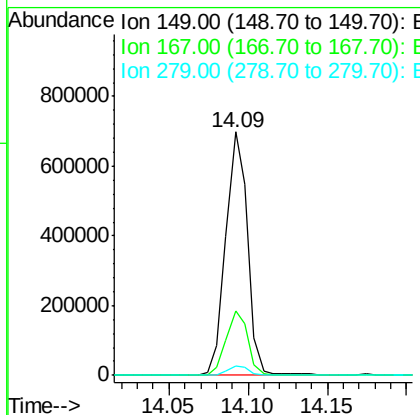
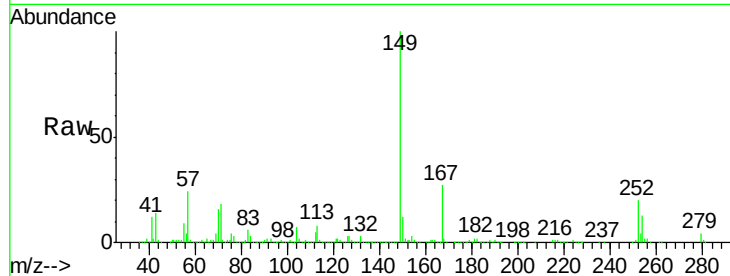
ClientSampleId :

TP-CSMSD

Tot Ion:	149	Resp:	664611
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.3	31.9
279	3.6	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 46.763 ng

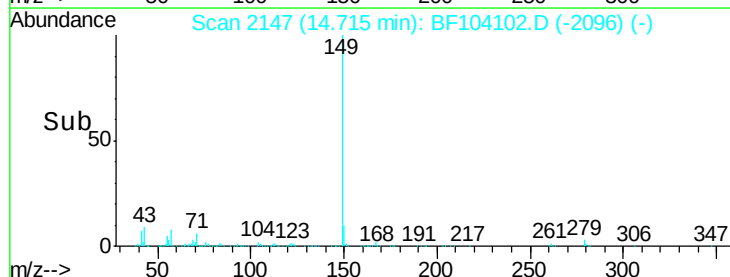
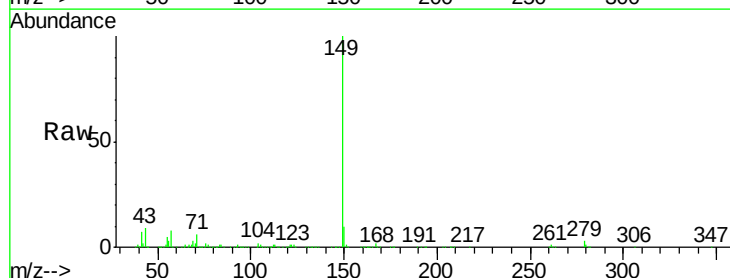
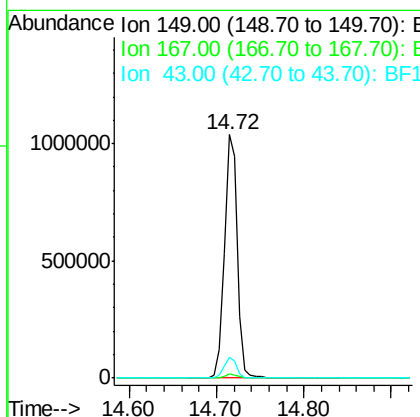
RT: 14.72 min Scan# 2147

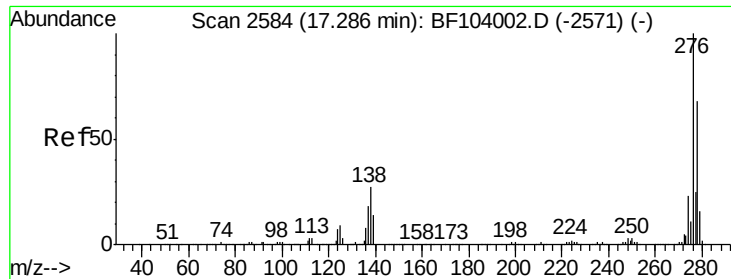
Delta R.T. 0.00 min

Lab File: BF104102.D

Acq: 30 Mar 2018 19:34

Tgt Ion:	149	Resp:	1057749
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.2	8.4	12.6#





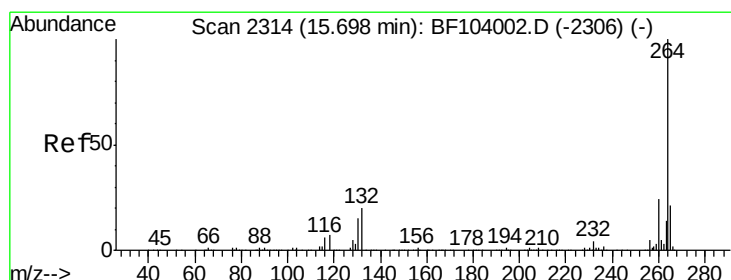
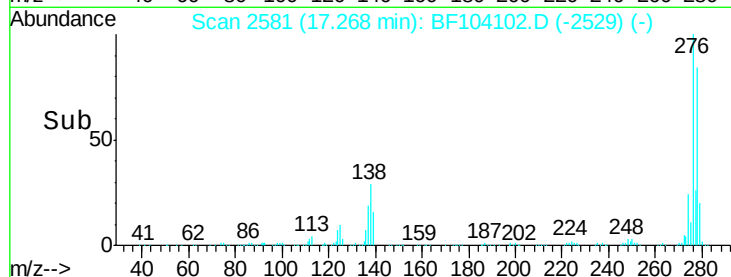
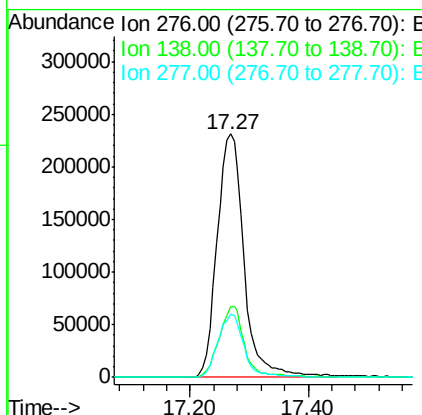
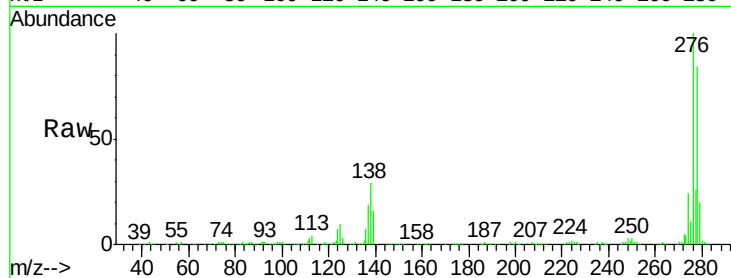
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.380 ng
 RT: 17.27 min Scan# 2581
 Delta R.T. 0.01 min
 Lab File: BF104102.D
 Acq: 30 Mar 2018 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-CSMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.5	25.0	37.6
277	25.2	20.1	30.1

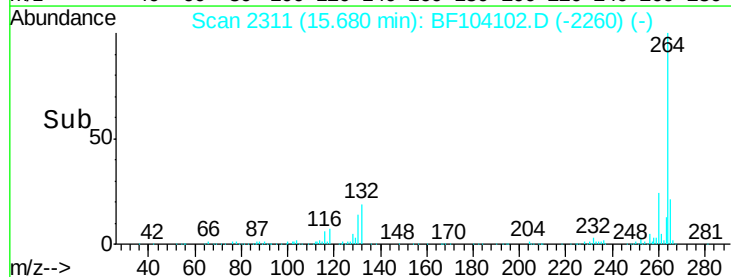
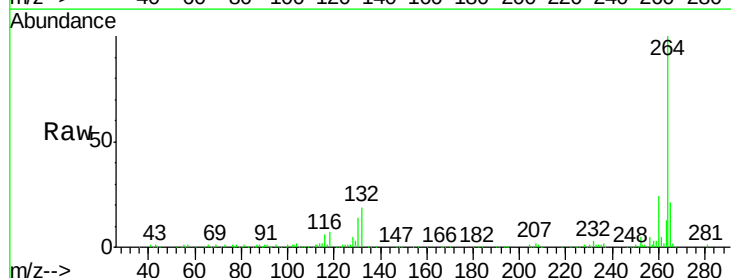
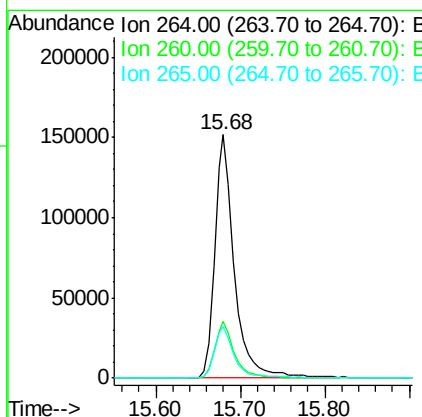
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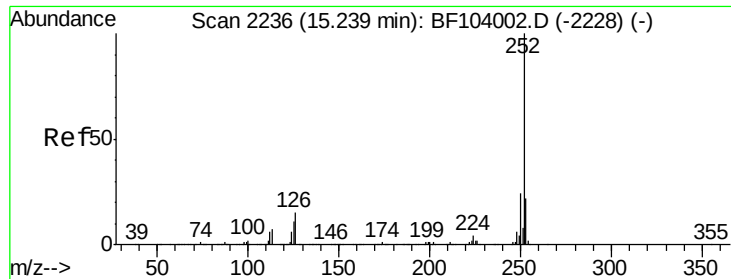
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: BF104102.D
 Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.5	26.3





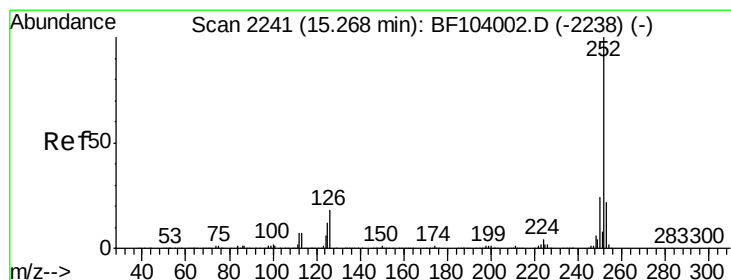
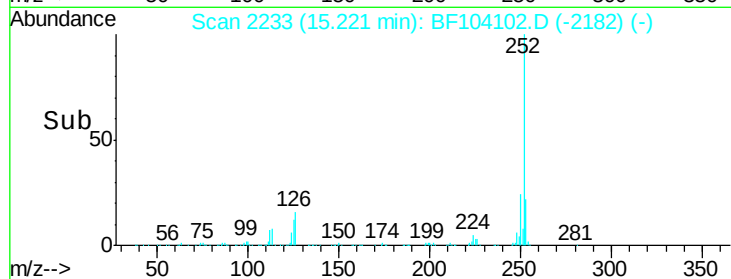
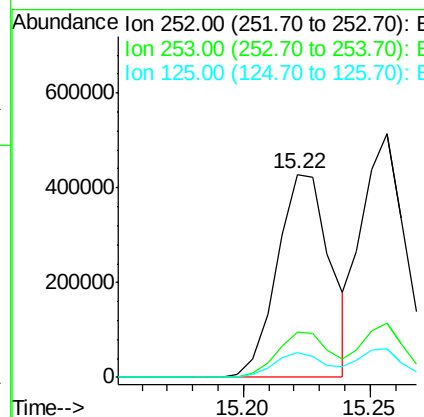
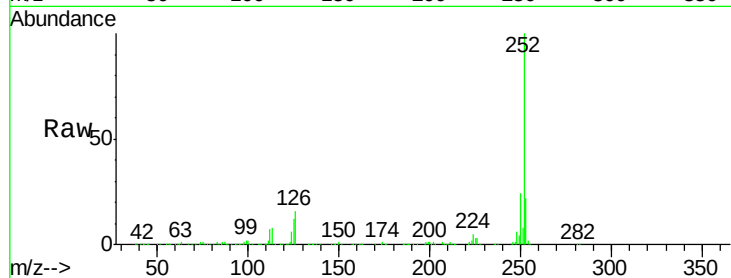
#87
Benzo(b)fluoranthene
Concen: 41.577 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampleId :
TP-CSMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	12.4	9.0	13.6

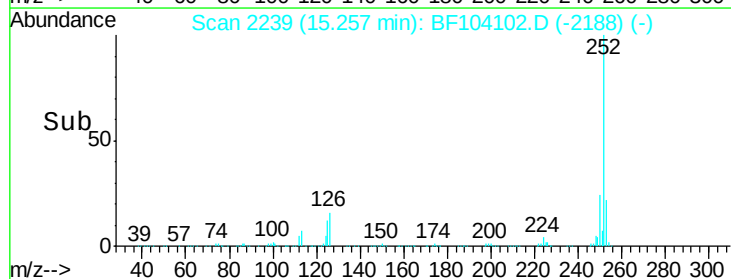
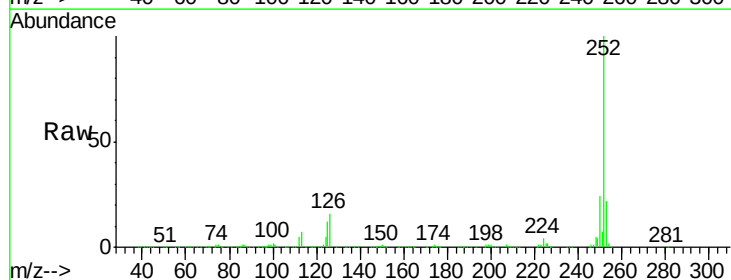
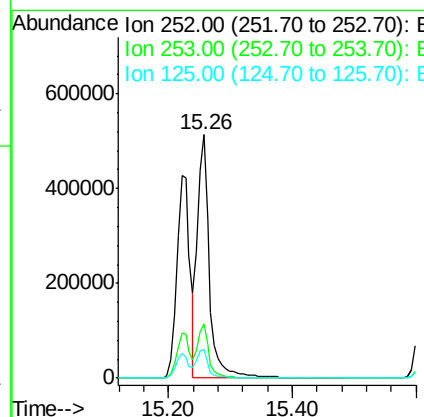
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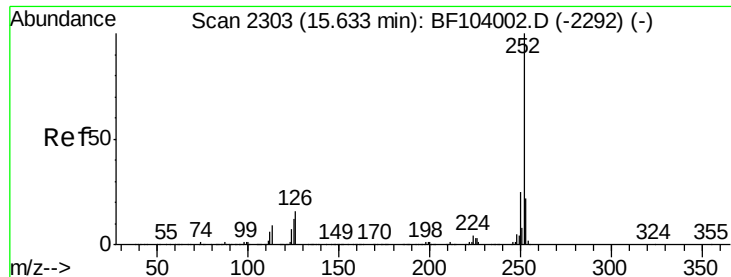
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#88
Benzo(k)fluoranthene
Concen: 48.663 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.6	10.2	15.2





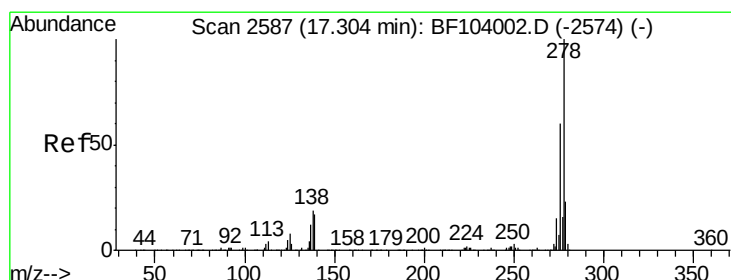
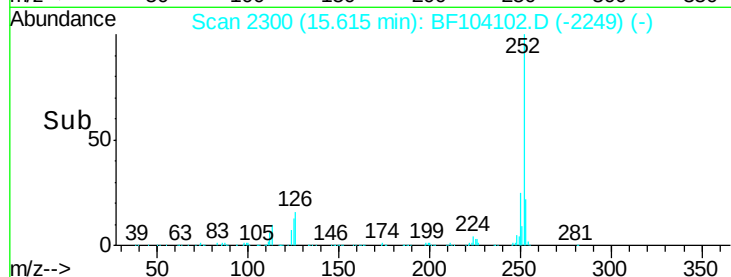
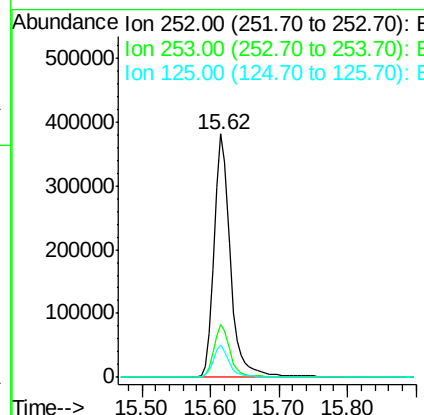
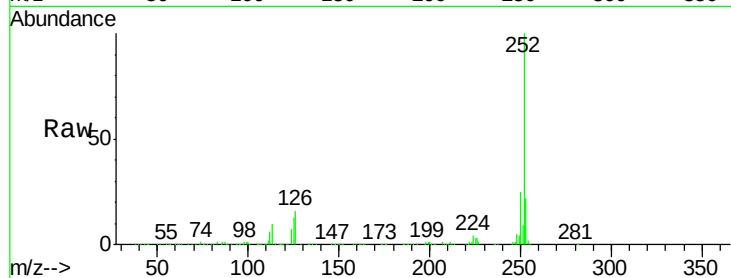
#89
Benzo(a)pyrene
Concen: 45.017 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Instrument :
BNA_F
ClientSampleId :
TP-CSMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	13.1	9.8	14.6

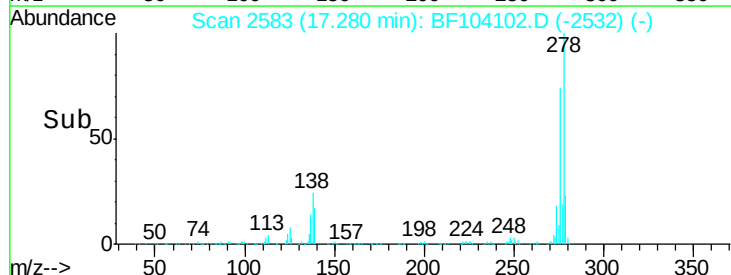
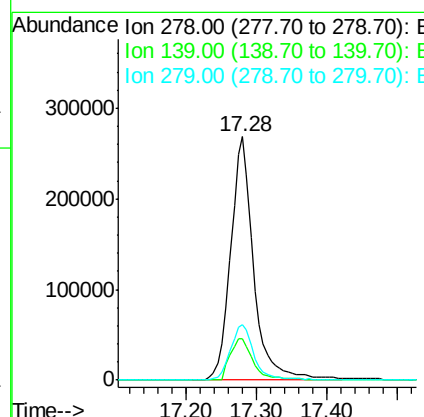
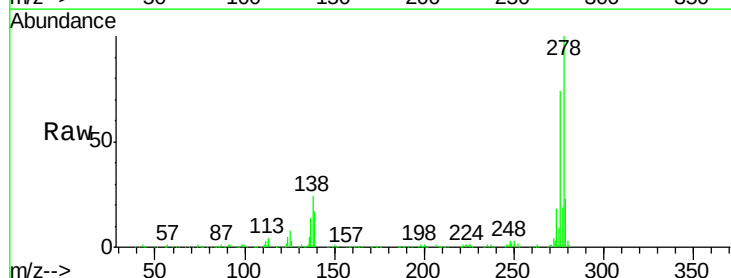
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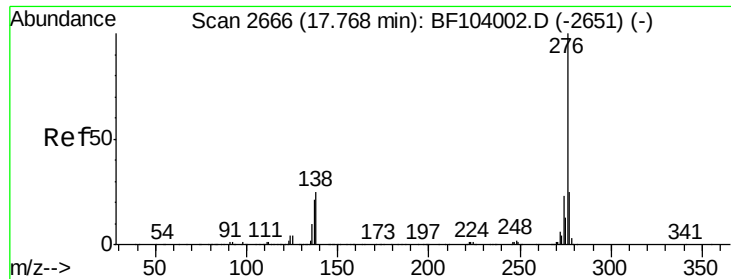
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#90
Dibenzo(a,h)anthracene
Concen: 47.186 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.00 min
Lab File: BF104102.D
Acq: 30 Mar 2018 19:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.9	23.9
279	23.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 47.822 ng
 RT: 17.74 min Scan# 2662
 Delta R.T. 0.00 min
 Lab File: BF104102.D
 Acq: 30 Mar 2018 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-CSMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	25.1	21.8	32.8

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