

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
 Data File : BF104432.D
 Acq On : 11 Apr 2018 12:36
 Operator : JU/SJ
 Sample : J2310-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

Manual Integrations
 APPROVED

Sohil
 4/12/2018 2:30:27 PM

Quant Time: Apr 11 14:26:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 13:19:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	138187	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	545353	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	223414	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	350366	20.00	ng	0.00
75) Chrysene-d12	13.99	240	265256	20.00	ng	0.00
86) Perylene-d12	15.46	264	268714	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	857854	94.92	ng	0.01
7) Phenol-d6	6.45	99	1084322	97.65	ng	0.00
23) Nitrobenzene-d5	7.37	82	666705	79.83	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	231494	99.89	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1103100	78.00	ng	0.00
78) Terphenyl-d14	12.93	244	859732	73.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	79096	18.783	ng	89
3) Pyridine	3.29	79	247436	20.899	ng	88
4) n-Nitrosodimethylamine	3.23	42	107321	25.931	ng	82
6) Aniline	6.47	93	178262	11.555	ng	99
8) 2-Chlorophenol	6.60	128	300553	31.509	ng	91
9) Benzaldehyde	6.36	77	183416	30.075	ng	99
10) Phenol	6.46	94	380027	32.255	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	301007	32.015	ng	92
12) 1,3-Dichlorobenzene	6.75	146	302194	27.965	ng	98
13) 1,4-Dichlorobenzene	6.83	146	309704	28.751	ng	99
14) 1,2-Dichlorobenzene	6.98	146	291005	29.152	ng	99
15) Benzyl Alcohol	6.95	79	257775	30.564	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	370920	29.377	ng	92
17) 2-Methylphenol	7.06	107	246991	29.788	ng	97
18) Hexachloroethane	7.32	117	106261	27.667	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	201793	27.810	ng	95
20) 3+4-Methylphenols	7.22	107	297391	28.919	ng	# 72
22) Acetophenone	7.22	105	402298	29.963	ng	# 97
24) Nitrobenzene	7.39	77	307569	33.356	ng	99
25) Isophorone	7.63	82	495890	28.078	ng	98
26) 2-Nitrophenol	7.71	139	162856	43.384	ng	93
27) 2,4-Dimethylphenol	7.75	122	233002	29.894	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	346574	32.096	ng	99
29) 2,4-Dichlorophenol	7.95	162	242383	32.592	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	249356	30.552	ng	99
31) Naphthalene	8.12	128	781845	28.791	ng	99
32) Benzoic acid	7.82	122	43595	7.010	ng	94
33) 4-Chloroaniline	8.17	127	228689	19.657	ng	96
34) Hexachlorobutadiene	8.23	225	137586	30.776	ng	99
35) Caprolactam	8.53	113	75528m	29.112	ng	
36) 4-Chloro-3-methylphenol	8.65	107	255835	32.082	ng	97
37) 2-Methylnaphthalene	8.80	142	492350	28.029	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	220391	34.461	ng	99
40) Hexachlorocyclopentadiene	8.96	237	150715	42.095	ng	98

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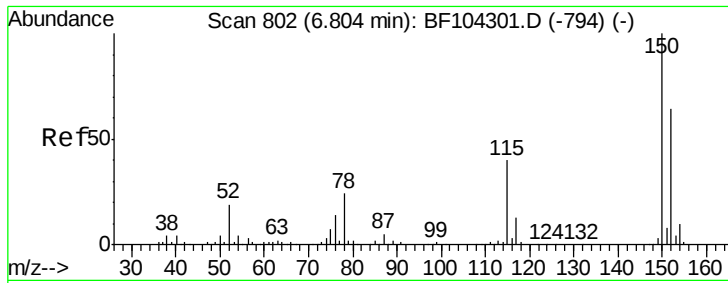
Manual Integrations
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Quant Time: Apr 11 14:26:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	163819	36.900	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	167646	33.745	nq	98
45) 1,1'-Biphenyl	9.27	154	631414	33.643	nq	99
46) 2-Chloronaphthalene	9.30	162	496268	33.476	nq	98
47) 2-Nitroaniline	9.39	65	151552	41.339	nq	93
48) Acenaphthylene	9.71	152	717264	30.838	nq	99
49) Dimethylphthalate	9.57	163	637401	36.179	nq	99
50) 2,6-Dinitrotoluene	9.63	165	126863	38.915	nq	97
51) Acenaphthene	9.88	154	446841	31.487	nq	99
52) 3-Nitroaniline	9.80	138	107942	28.283	nq	96
53) 2,4-Dinitrophenol	9.90	184	53832	49.491	nq #	22
54) Dibenzofuran	10.06	168	635068	32.111	nq	100
55) 4-Nitrophenol	9.96	139	195614	65.249	nq	97
56) 2,4-Dinitrotoluene	10.04	165	160160	37.454	nq #	88
57) Fluorene	10.40	166	437806	30.413	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	119210	32.163	nq	95
59) Diethylphthalate	10.27	149	543912	30.999	nq	97
60) 4-Chlorophenyl-phenylether	10.39	204	226021	35.256	nq	95
61) 4-Nitroaniline	10.42	138	116746	31.285	nq	96
62) Azobenzene	10.55	77	499319	29.786	nq	95
64) 4,6-Dinitro-2-methylphenol	10.45	198	71382	42.777	nq	79
65) n-Nitrosodiphenylamine	10.51	169	435751	35.870	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	134086	35.979	nq	94
67) Hexachlorobenzene	10.95	284	143066	34.117	nq #	91
68) Atrazine	11.04	200	130255	35.522	nq	99
69) Pentachlorophenol	11.14	266	155112	59.791	nq	97
70) Phenanthrene	11.36	178	601734	30.840	nq	98
71) Anthracene	11.42	178	604915	30.499	nq	98
72) Carbazole	11.57	167	596705	30.788	nq	100
73) Di-n-butylphthalate	11.90	149	740169	31.264	nq	100
74) Fluoranthene	12.55	202	585244	28.708	nq	98
76) Benzidine	12.67	184	86562	5.321	nq	98
77) Pyrene	12.78	202	602373	30.637	nq	99
79) Butylbenzylphthalate	13.40	149	283569	30.613	nq	98
80) Benzo(a)anthracene	13.98	228	495364	31.260	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	135376	22.912	nq	99
82) Chrysene	14.02	228	491890	30.220	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	407945	34.240	nq	99
84) Di-n-octyl phthalate	14.59	149	656984	33.001	nq #	95
85) Indeno(1,2,3-cd)pyrene	16.92	276	474984	34.352	nq	96
87) Benzo(b)fluoranthene	15.03	252	514036	30.288	nq #	93
88) Benzo(k)fluoranthene	15.07	252	465047	29.024	nq	97
89) Benzo(a)pyrene	15.40	252	462752	30.474	nq #	96
90) Dibenzo(a,h)anthracene	16.94	278	405981	32.552	nq	99
91) Benzo(g,h,i)perylene	17.36	276	387269	32.051	nq	96

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



#1

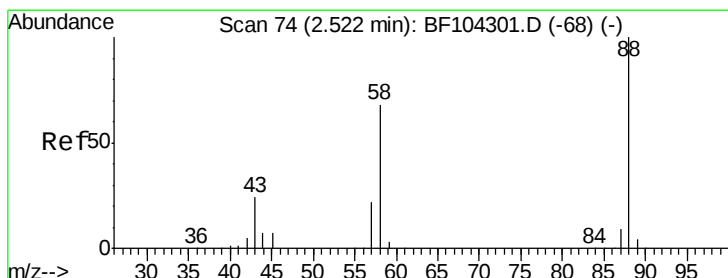
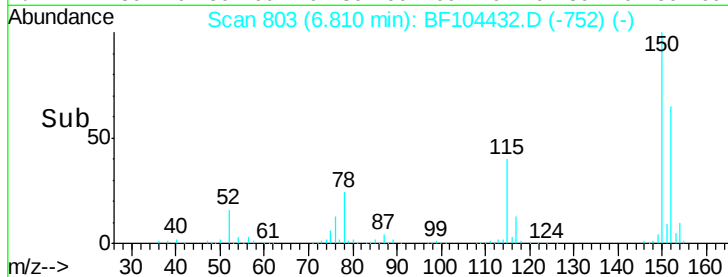
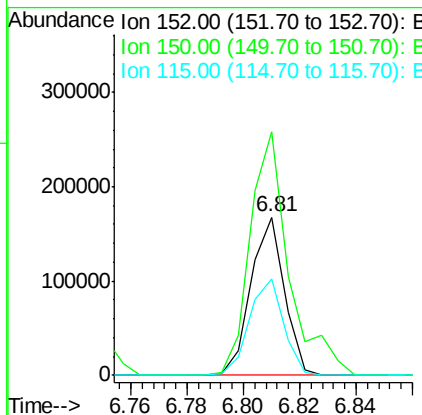
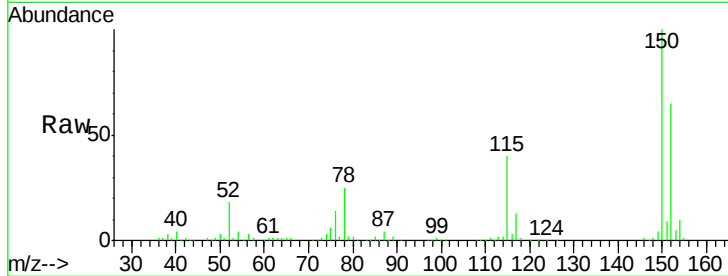
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	61.0	50.1	75.1

Manual Integrations
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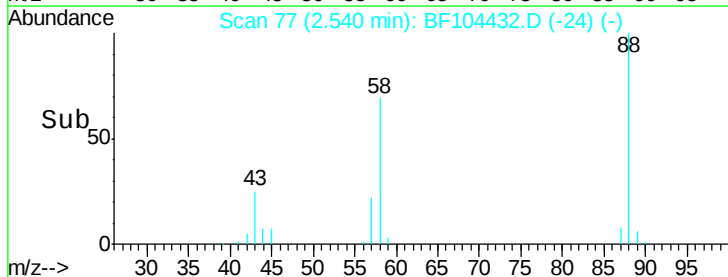
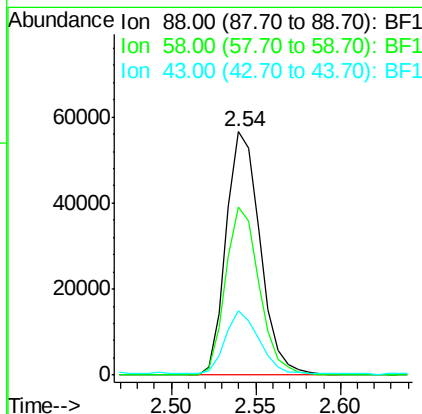
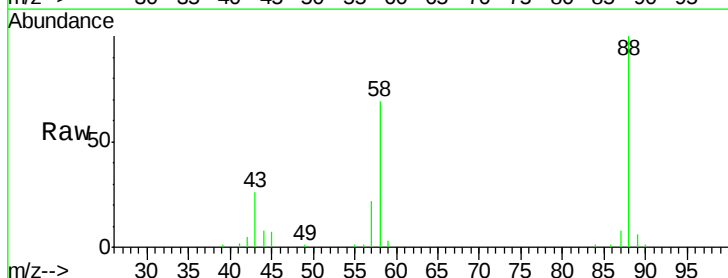
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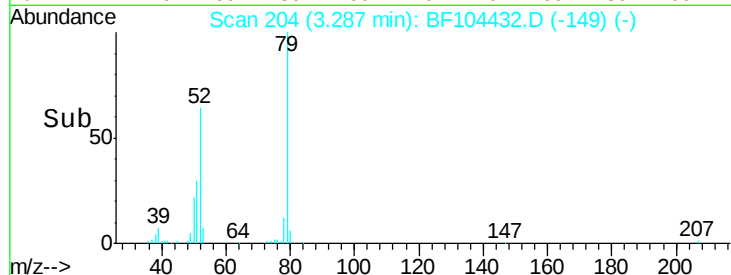
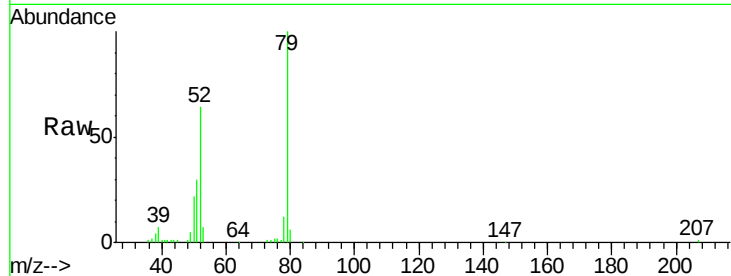
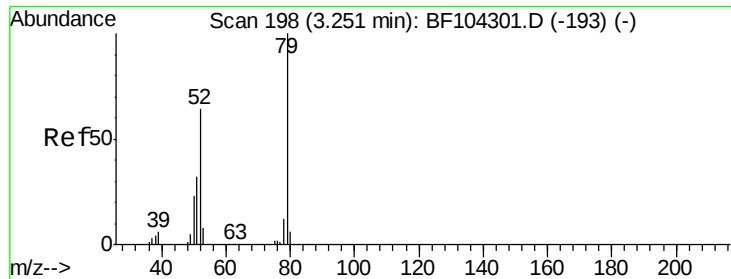


#2

1,4-Dioxane
Concen: 18.783 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	62.6	93.8
43	26.0	24.6	37.0





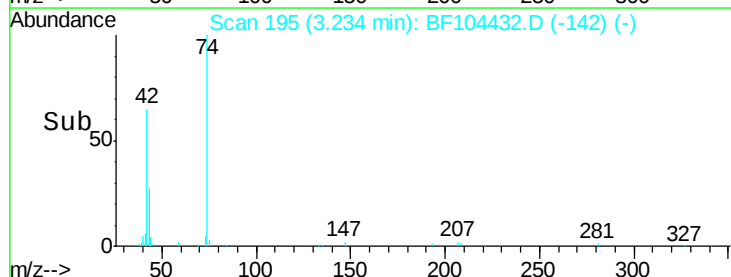
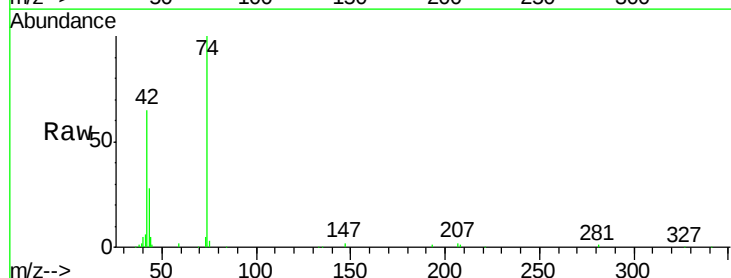
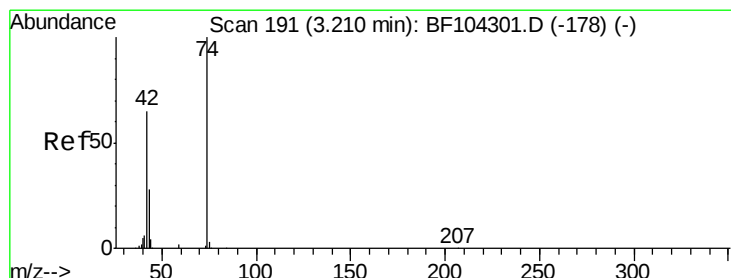
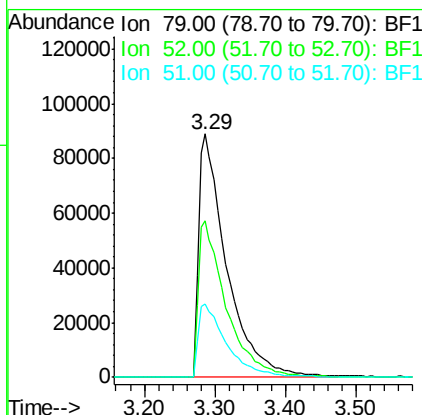
#3
 Pvridine
 Concen: 20.899 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.02 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.4	59.8	89.6
51	30.2	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

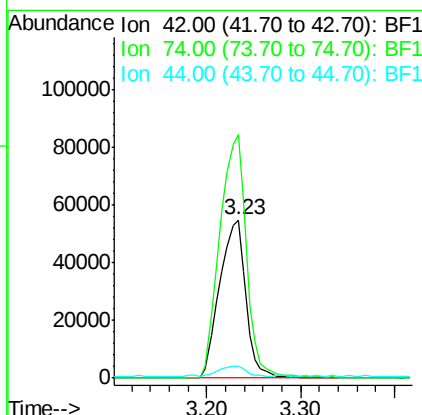
Manual Integrations
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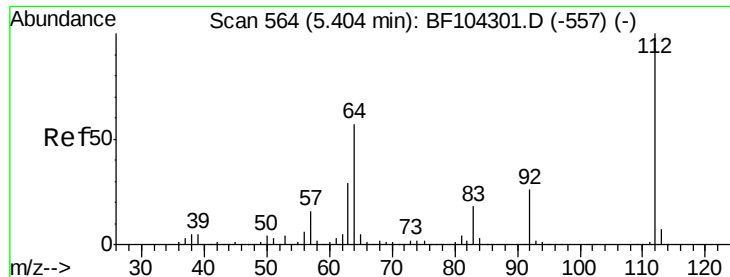
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#4
 n-Nitrosodimethylamine
 Concen: 25.931 ng
 RT: 3.23 min Scan# 195
 Delta R.T. 0.01 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	153.8	104.9	157.3
44	7.7	6.9	10.3





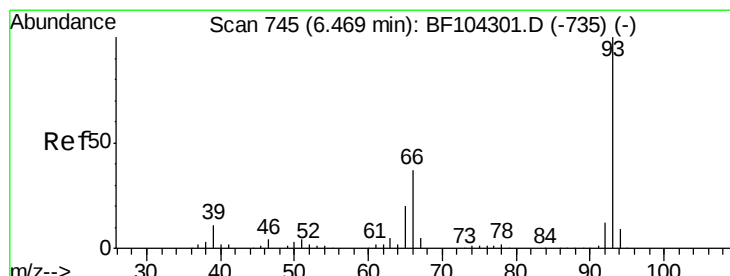
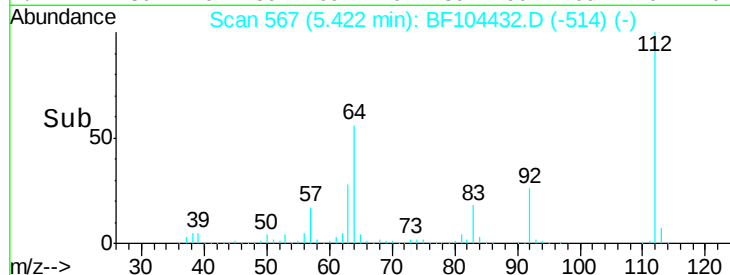
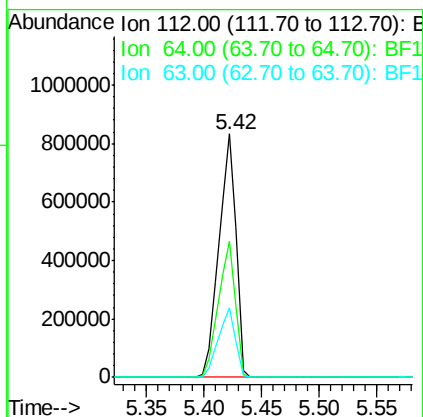
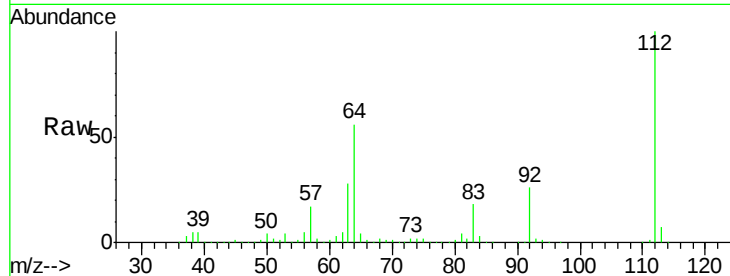
#5
2-Fluorophenol
Concen: 94.923 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion:	112	Resp:	857854
Ion Ratio	Lower	Upper	
112	100		
64	55.9	47.9	71.9
63	28.4	23.7	35.5

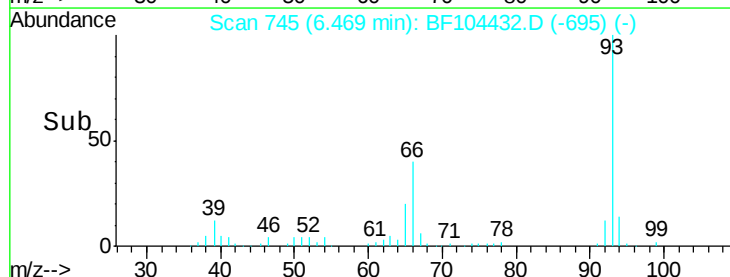
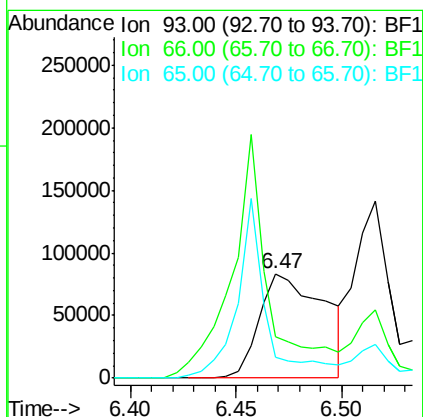
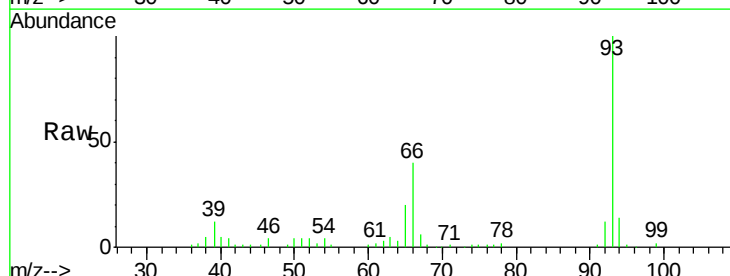
Manual Integrations
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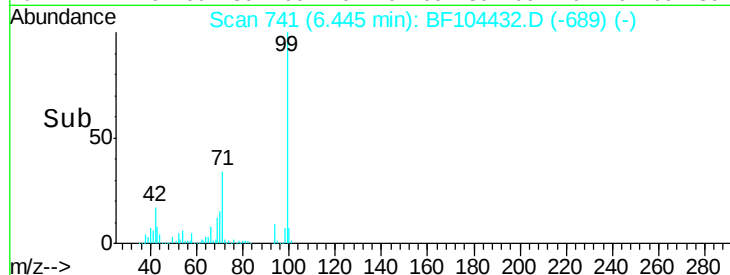
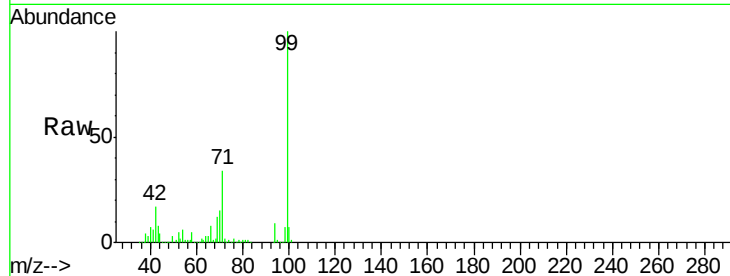
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#6
Aniline
Concen: 11.555 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion:	93	Resp:	178262
Ion Ratio	Lower	Upper	
93	100		
66	40.0	32.2	48.2
65	19.5	16.4	24.6





#7

Phenol-d6

Concen: 97.651 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Tot Ion: 99 Resp: 1084322

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

71 33.8 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

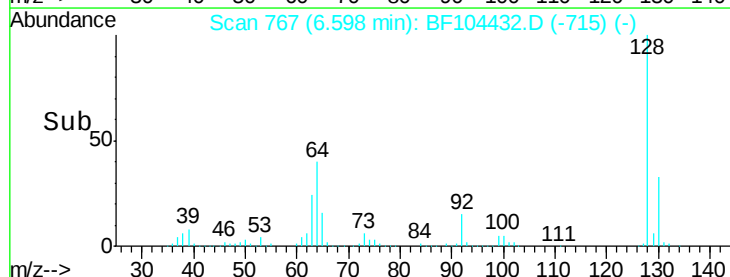
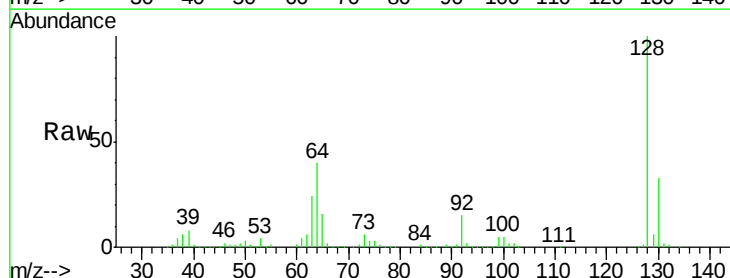
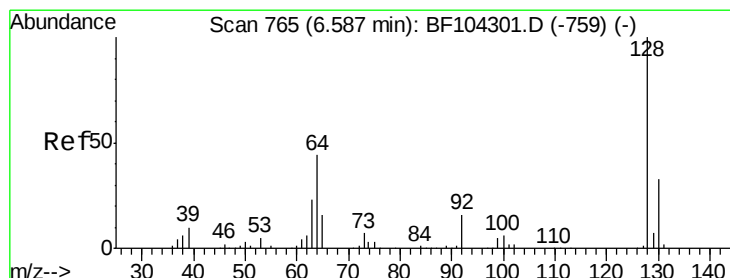
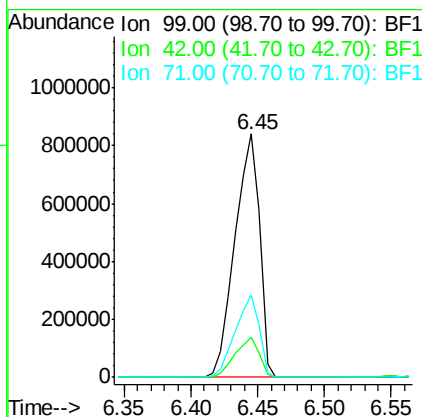
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#8

2-Chlorophenol

Concen: 31.509 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

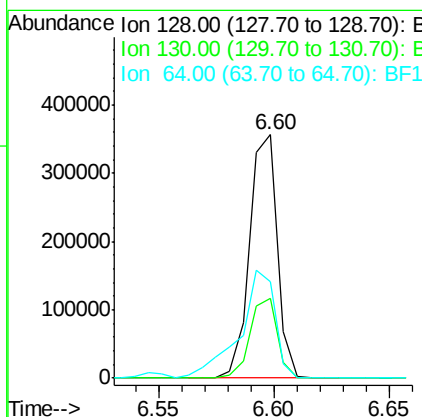
Tgt Ion:128 Resp: 300553

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 39.6 29.4 69.4





#9

Benzaldehyde

Concen: 30.075 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

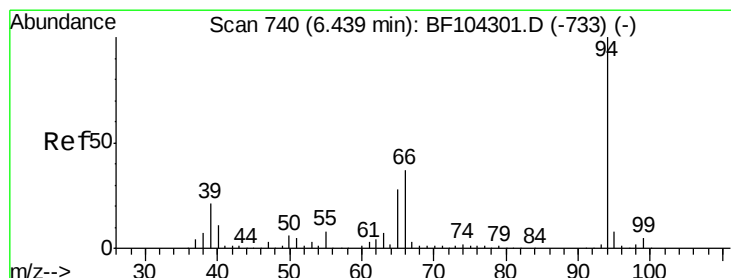
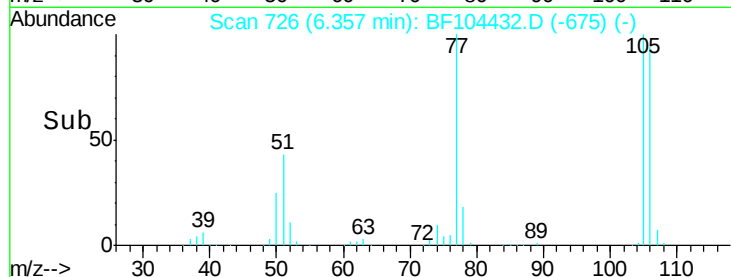
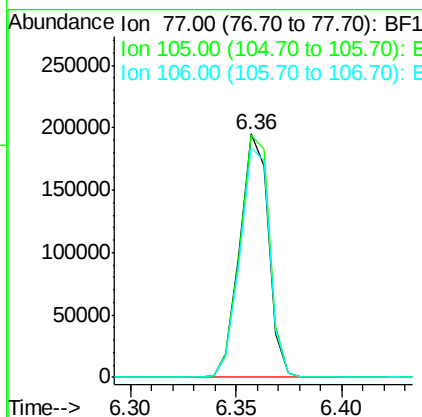
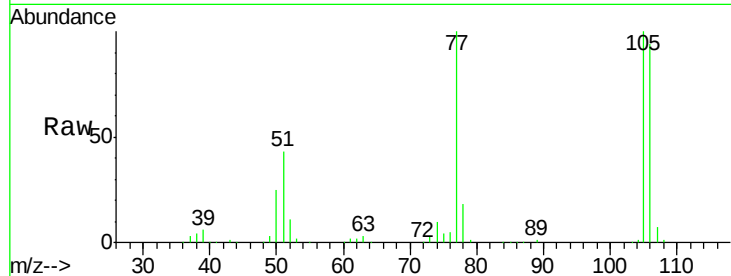
ClientSampleId :

P004-S003-0001-01MS

Tot Ion:	77	Resp:	183416
Ion	Ratio	Lower	Upper
77	100		
105	99.8	81.1	121.1
106	94.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 32.255 ng

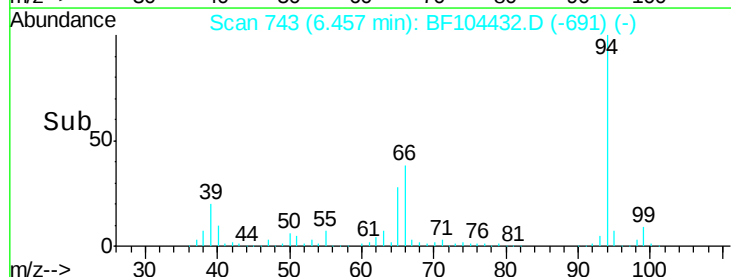
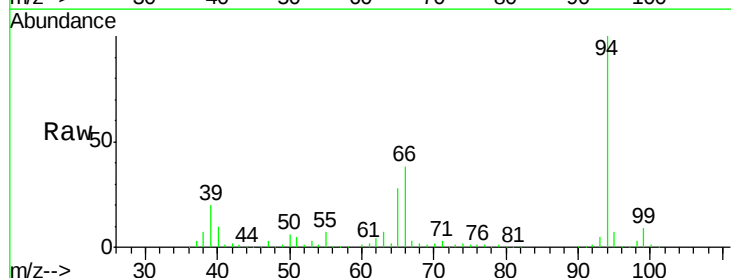
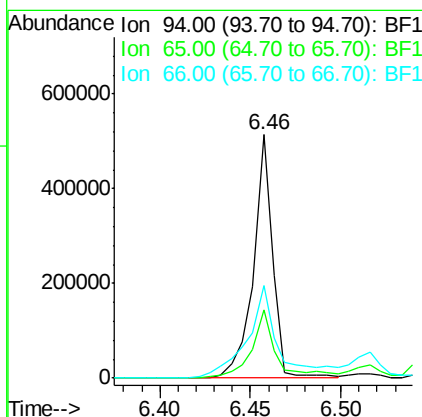
RT: 6.46 min Scan# 743

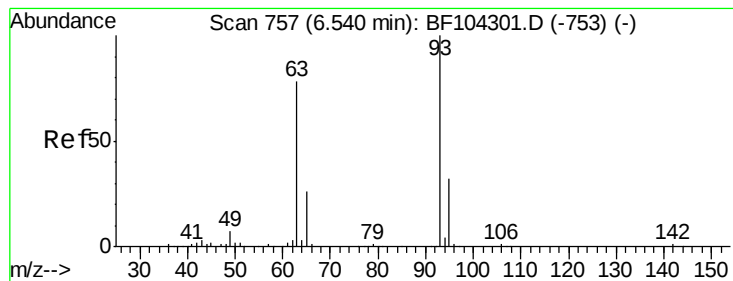
Delta R.T. 0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Tgt Ion:	94	Resp:	380027
Ion	Ratio	Lower	Upper
94	100		
65	28.0	7.9	47.9
66	37.8	16.2	56.2





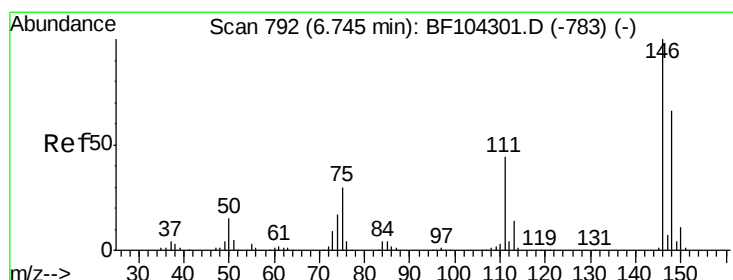
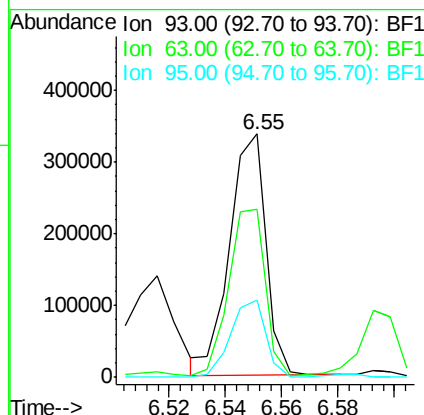
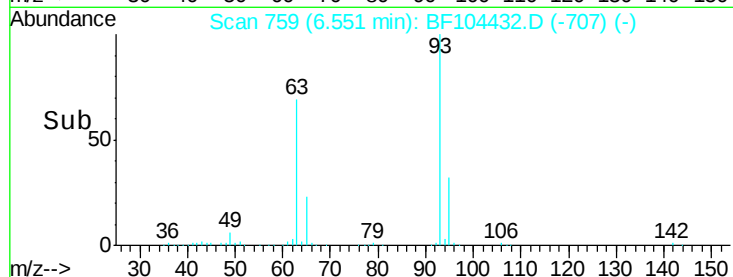
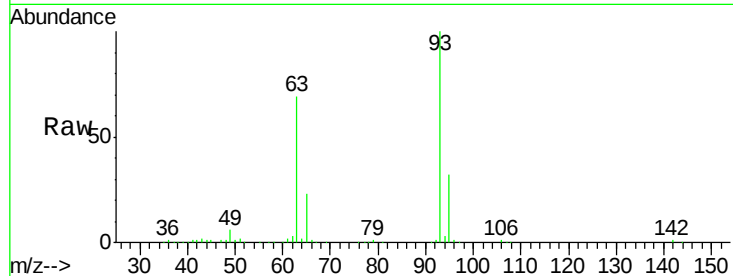
#11
bis(2-Chloroethyl)ether
Concen: 32.015 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion:	93	Resp:	301007
Ion	Ratio	Lower	Upper
93	100		
63	68.8	58.6	98.6
95	31.8	11.8	51.8

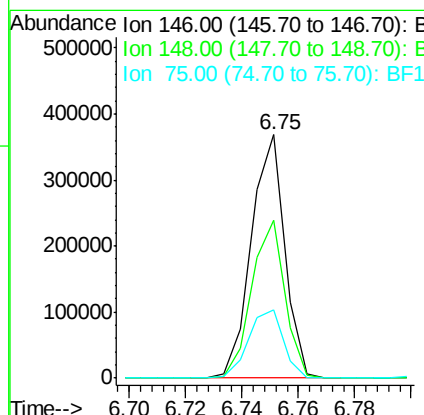
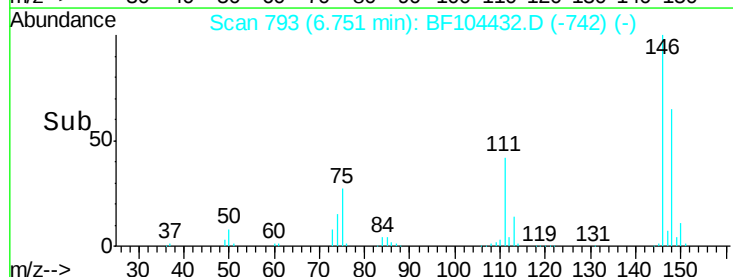
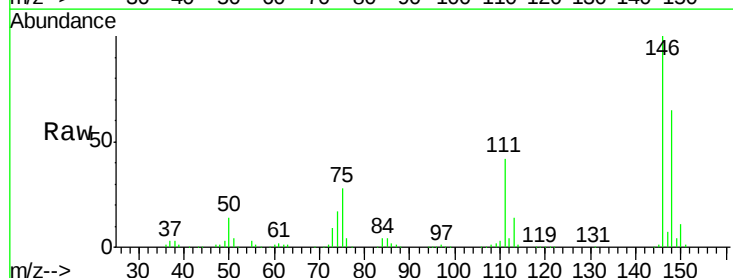
Manual Integrations
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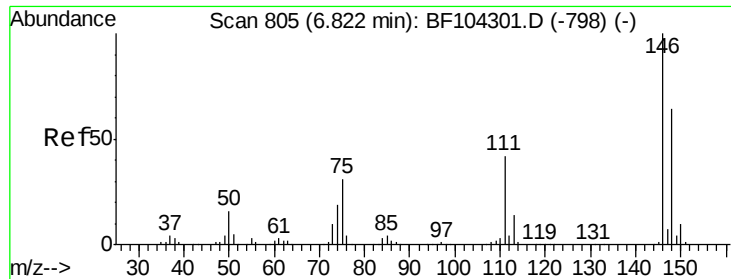
Sohil
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#12
1,3-Dichlorobenzene
Concen: 27.965 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion:	146	Resp:	302194
Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	27.8	24.2	36.4





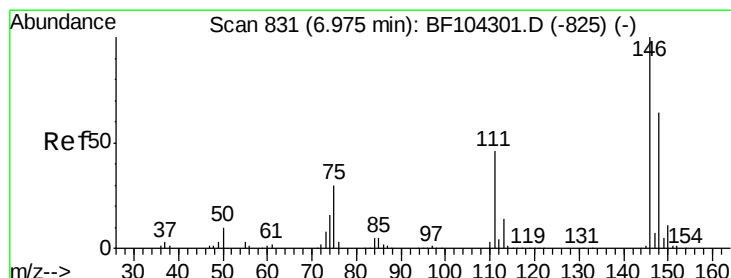
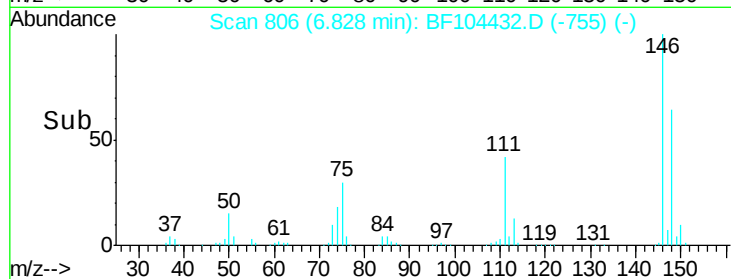
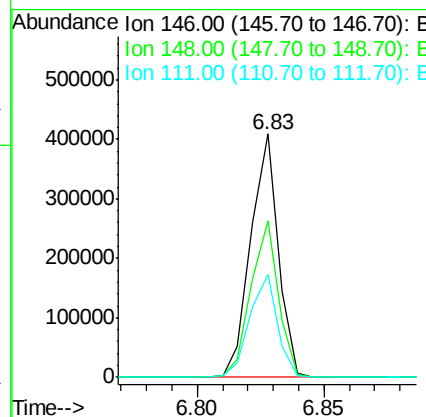
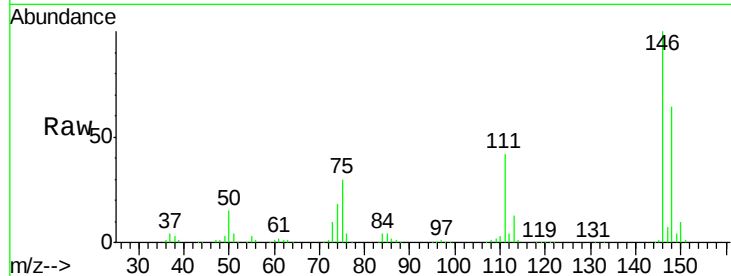
#13
 1,4-Dichlorobenzene
 Concen: 28.751 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
111	42.2	34.2	51.2

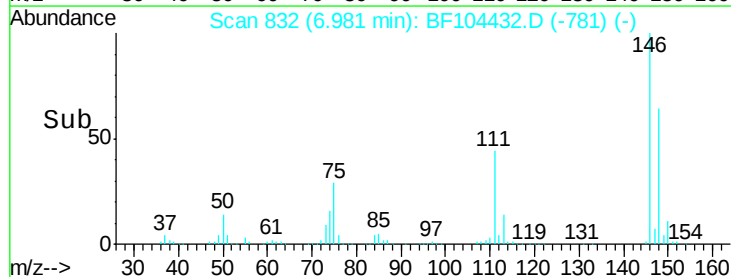
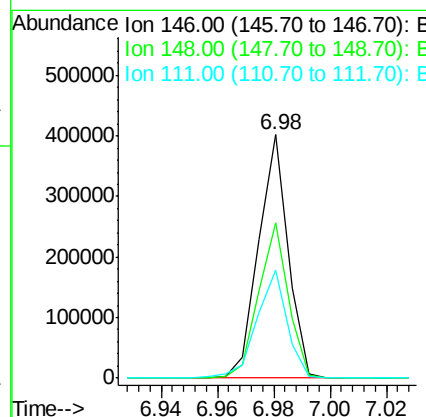
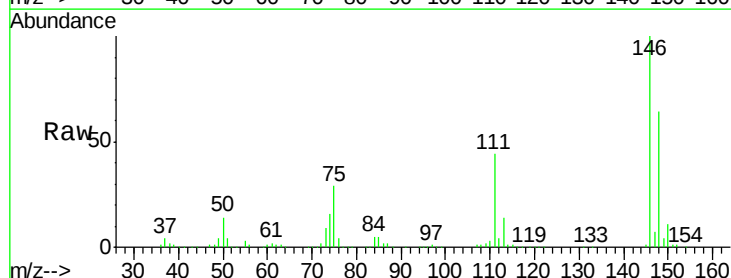
Manual Integrations
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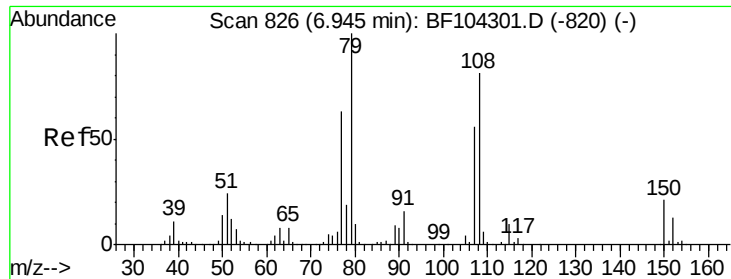
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 29.152 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
111	44.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 30.564 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01MS

Tot Ion: 79 Resp: 257775

Ion Ratio Lower Upper

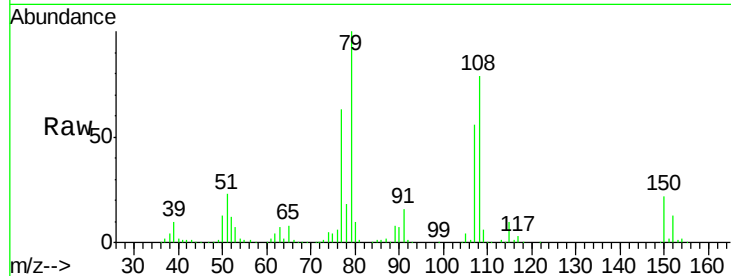
79 100

108 79.1 65.1 97.7

77 62.6 50.6 75.8

Manual Integrations
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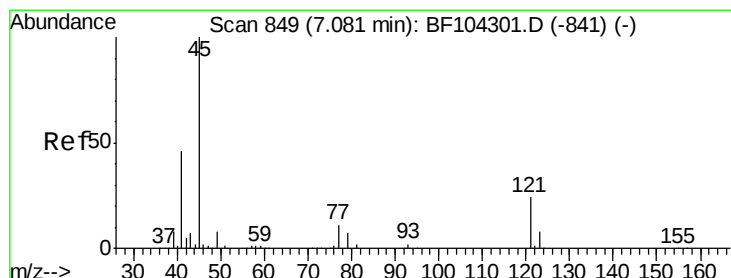
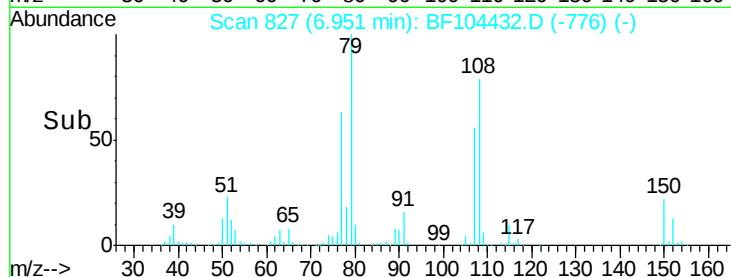
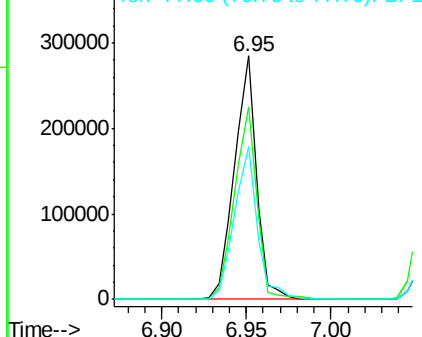
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.377 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

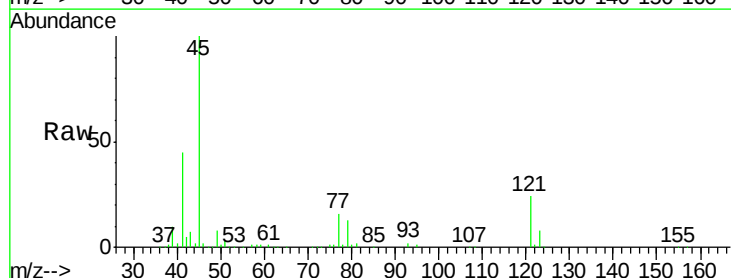
Tgt Ion: 45 Resp: 370920

Ion Ratio Lower Upper

45 100

77 15.8 0.0 32.9

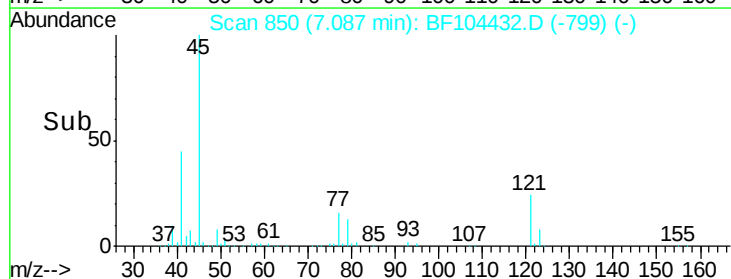
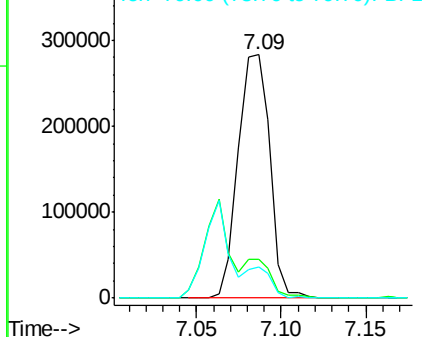
79 12.8 0.0 29.6

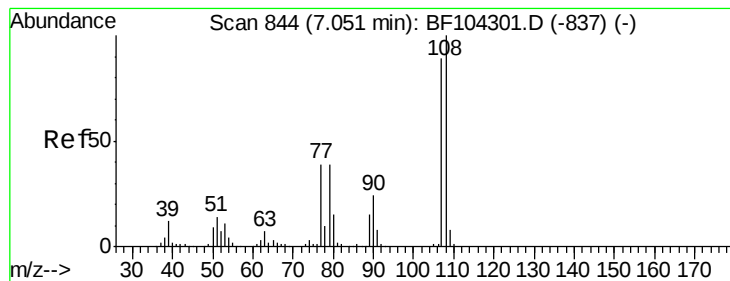


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





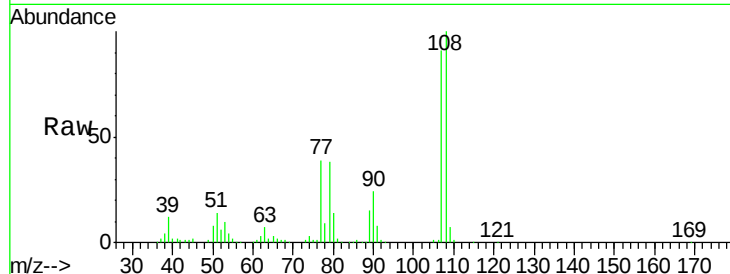
#17
2-Methylphenol
Concen: 29.788 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

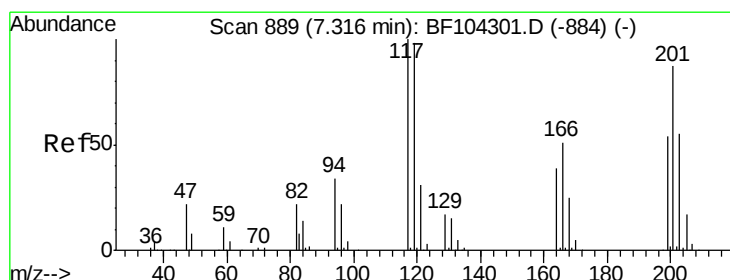
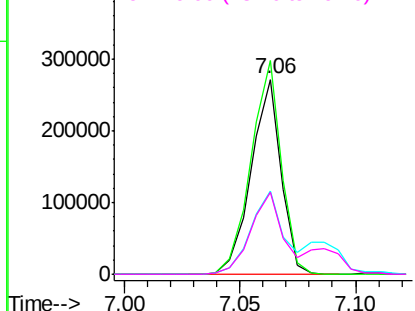
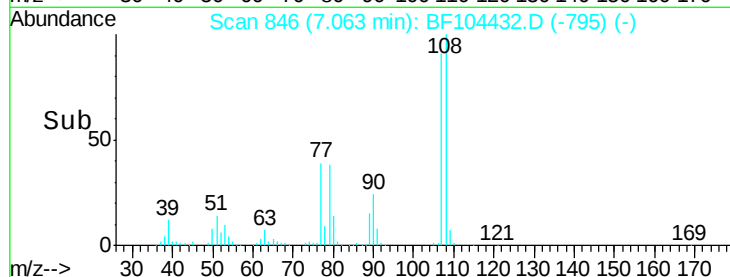
Tot Ion:	107	Resp:	246991
Ion Ratio	Lower	Upper	
107	100		
108	109.5	91.7	137.5
77	42.5	33.8	50.8
79	41.9	33.8	50.8

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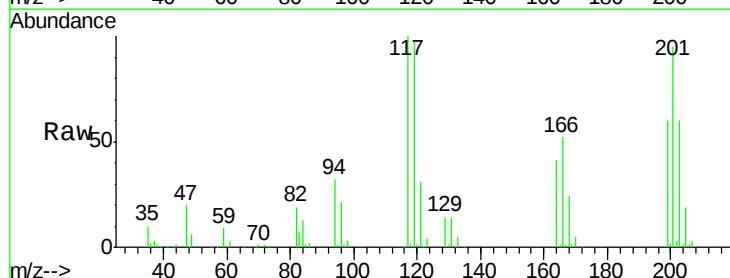


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

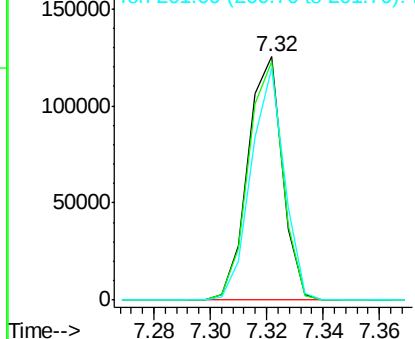
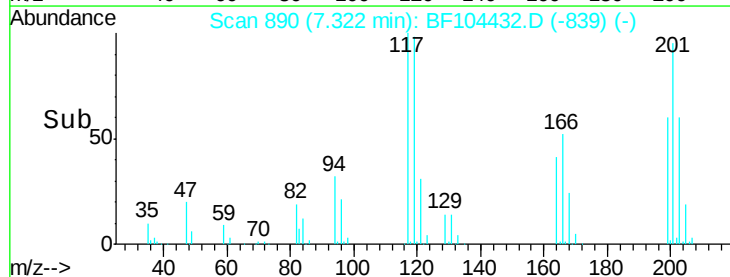


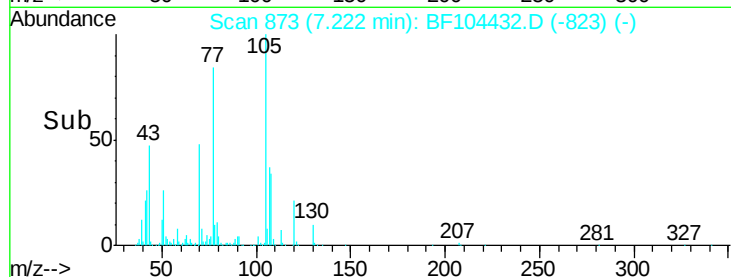
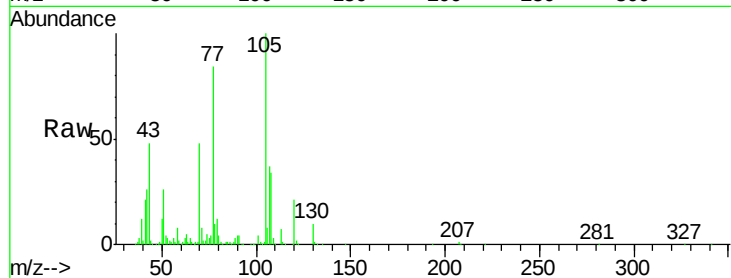
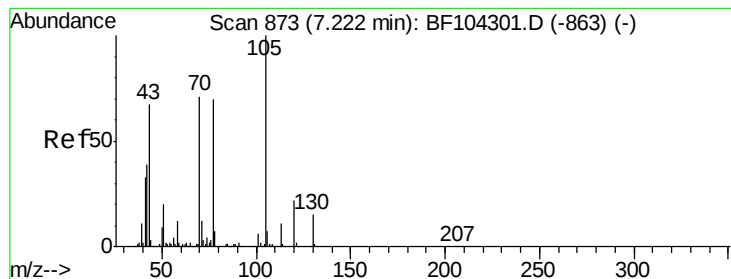
#18
Hexachloroethane
Concen: 27.667 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion:	117	Resp:	106261
Ion Ratio	Lower	Upper	
117	100		
119	97.9	75.8	113.8
201	95.4	75.7	113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 27.810 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

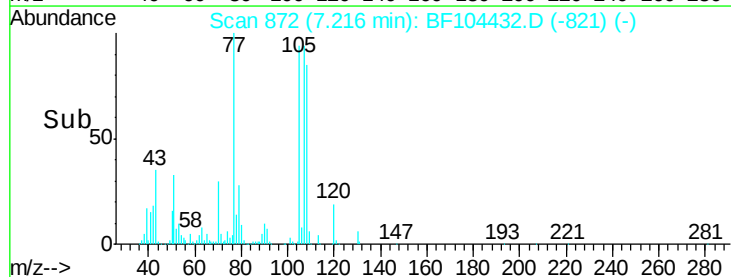
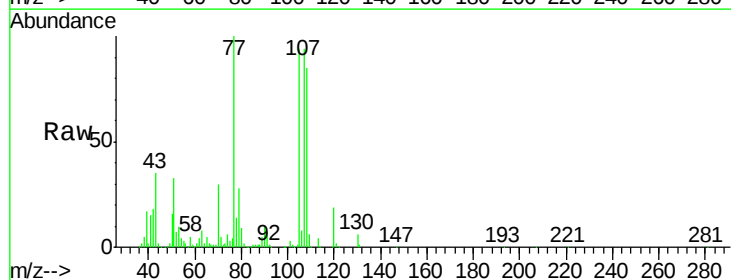
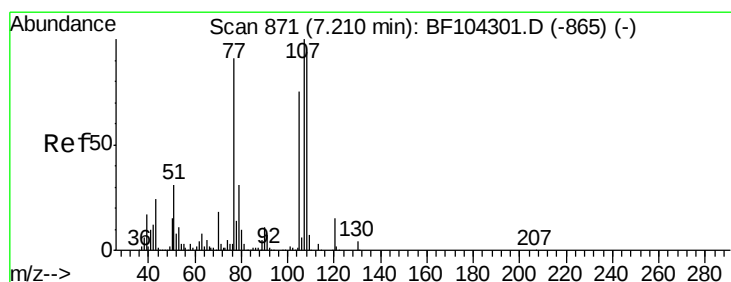
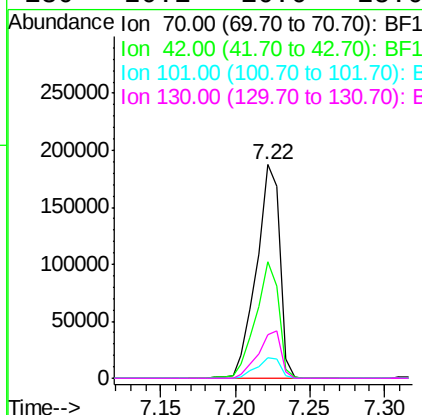
ClientSampleId :

P004-S003-0001-01MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.7	47.5	71.3	
101	9.3	7.4	11.2	
130	20.1	16.6	25.0	

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#20

3+4-Methylphenols

Concen: 28.919 ng

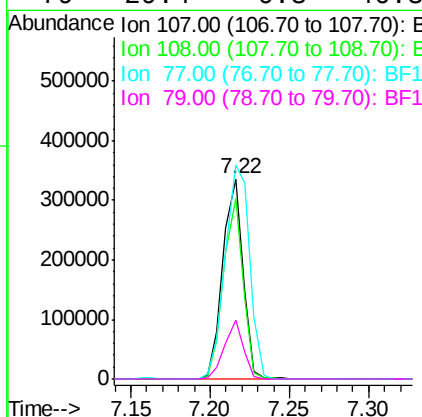
RT: 7.22 min Scan# 872

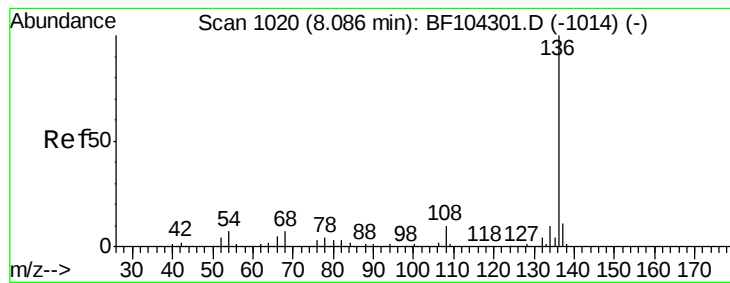
Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	68.2	108.2	
77	106.8	26.7	66.7#	
79	29.4	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

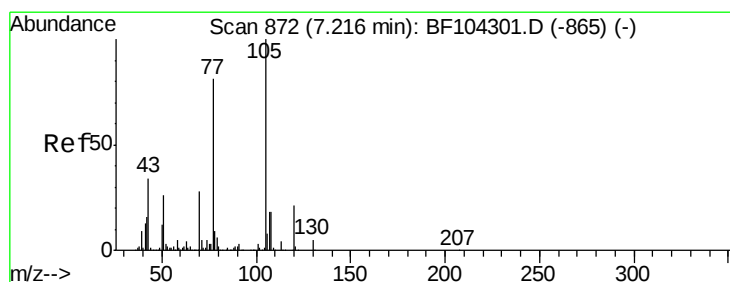
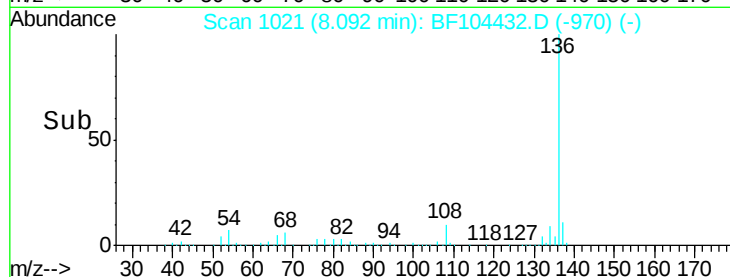
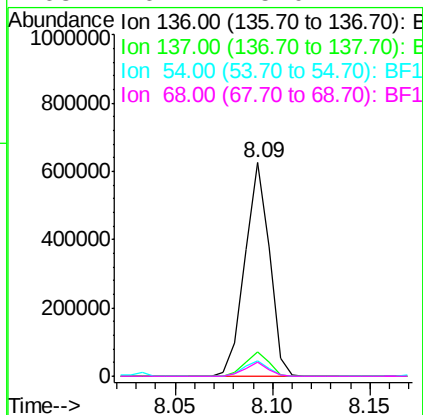
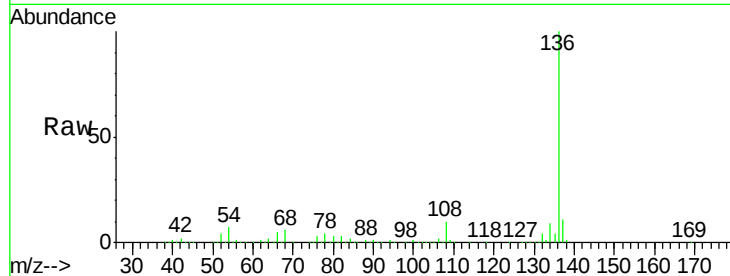
ClientSampleId :

P004-S003-0001-01MS

Tot Ion:	136	Resp:	545353
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	7.2	6.6	9.8
68	6.4	5.0	7.4

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#22

Acetophenone

Concen: 29.963 ng

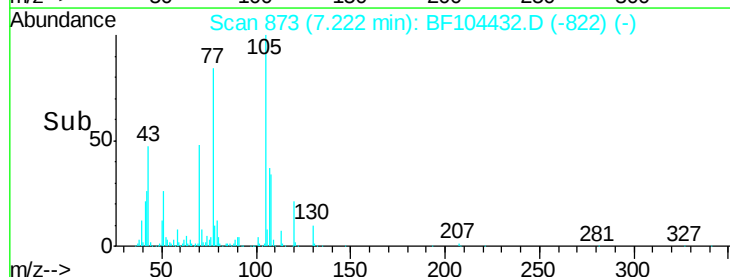
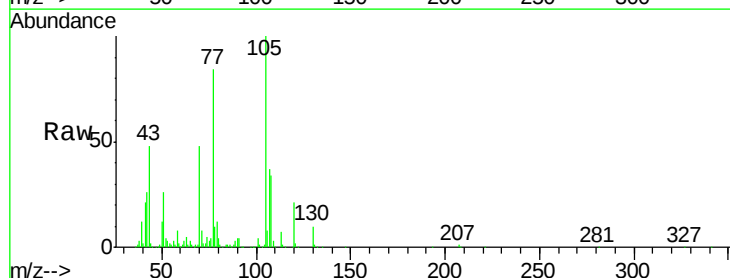
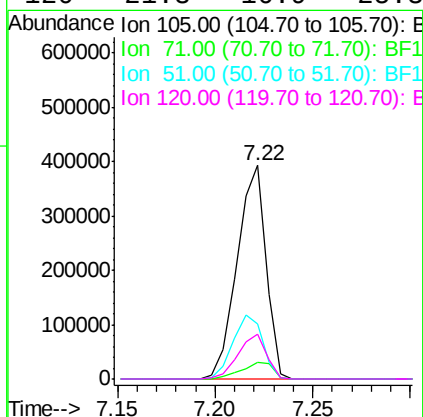
RT: 7.22 min Scan# 873

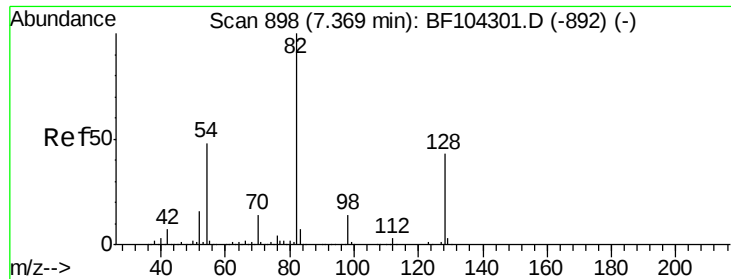
Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Tgt Ion:	105	Resp:	402298
Ion Ratio	Lower	Upper	
105	100		
71	7.8	4.4	6.6#
51	26.0	22.3	33.5
120	21.3	16.9	25.3





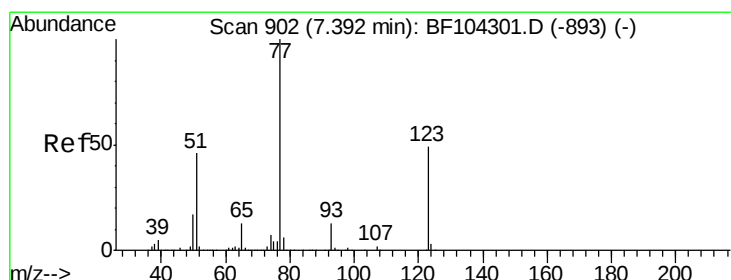
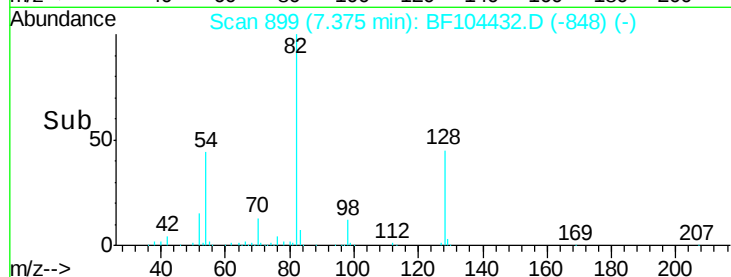
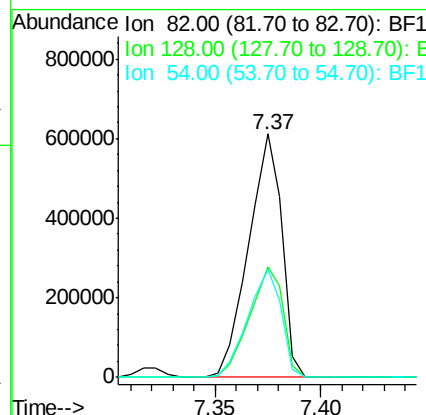
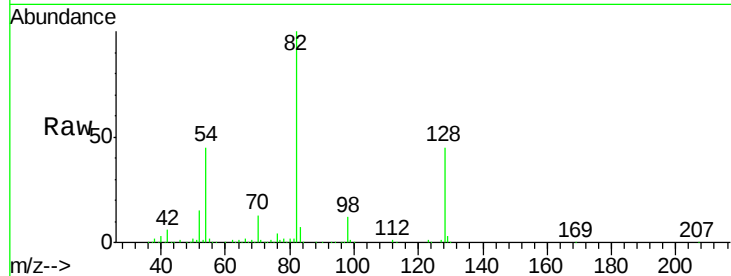
#23
 Nitrobenzene-d5
 Concen: 79.828 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	44.6	41.4	62.2

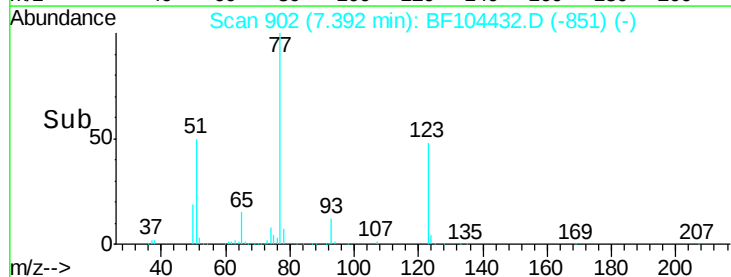
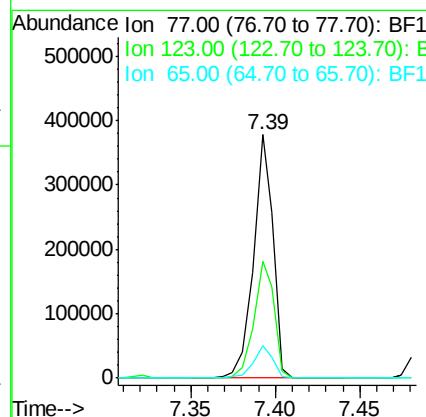
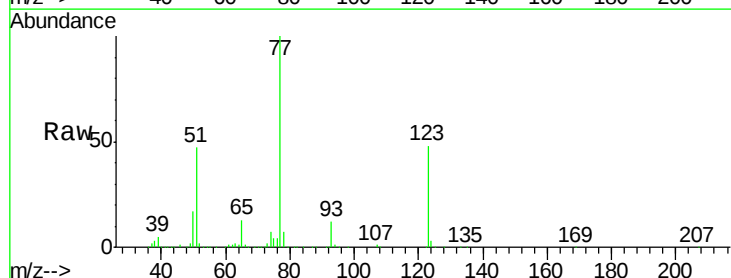
Manual Integrations
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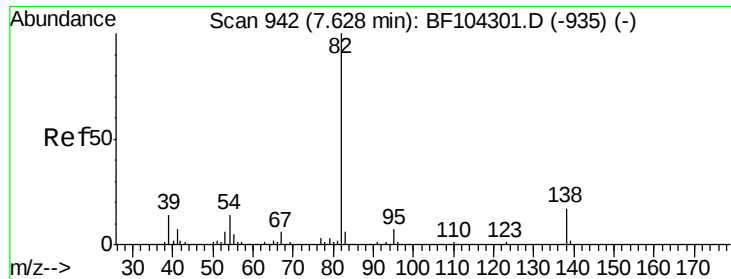
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 4/12/2018 2:30:27 PM



#24
 Nitrobenzene
 Concen: 33.356 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	37.9	56.9
65	13.4	11.0	16.4





#25

Isophorone

Concen: 28.078 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

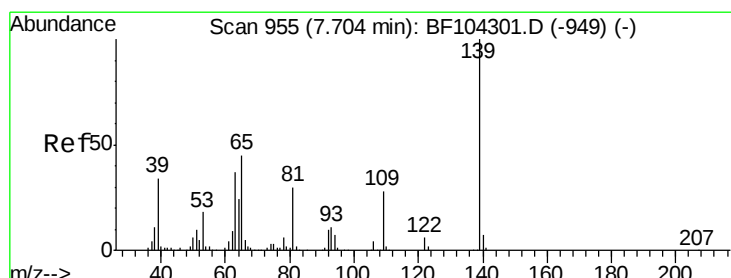
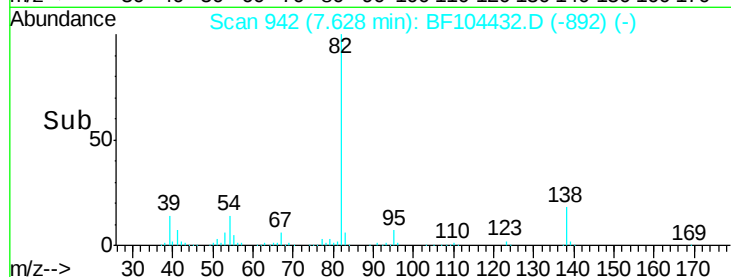
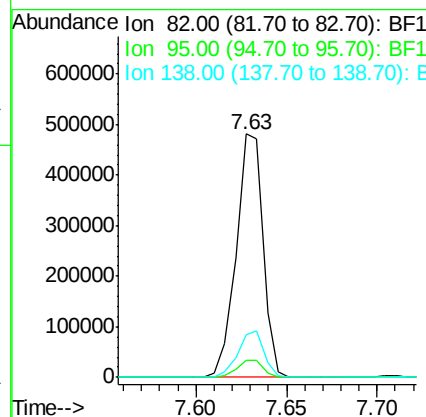
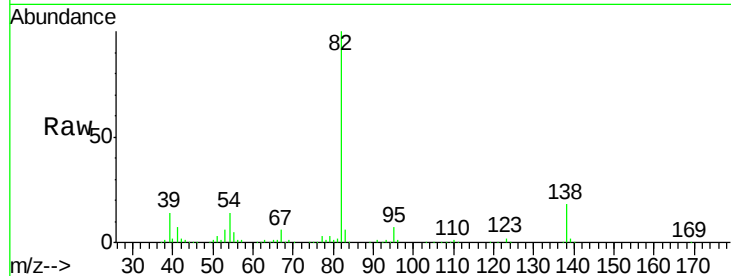
ClientSampleId :

P004-S003-0001-01MS

Tot Ion:	82	Resp:	495890
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	17.6	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.384 ng

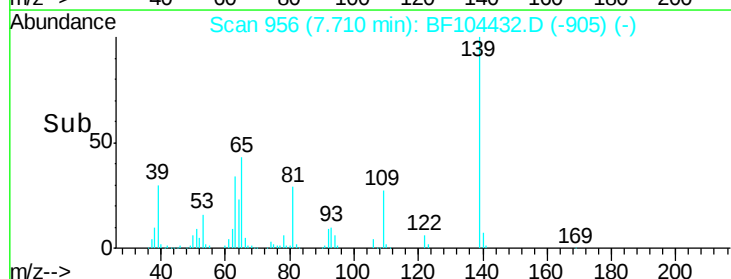
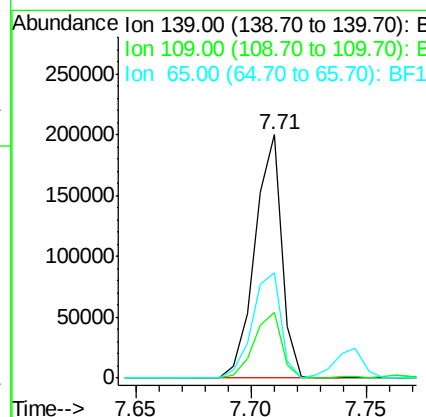
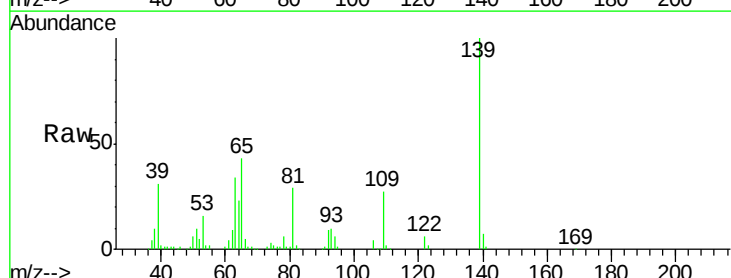
RT: 7.71 min Scan# 956

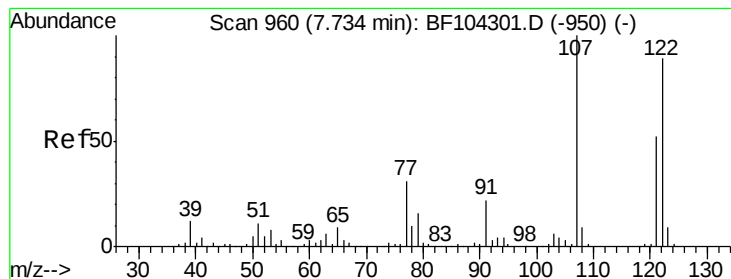
Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Tgt Ion:	139	Resp:	162856
Ion Ratio	Lower	Upper	
139	100		
109	27.1	22.7	34.1
65	43.5	40.5	60.7





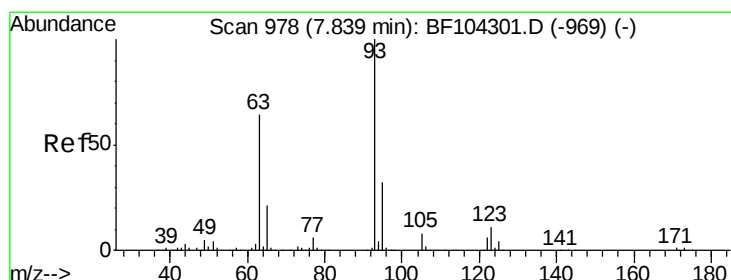
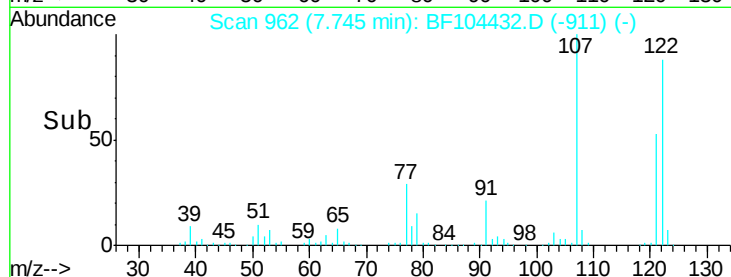
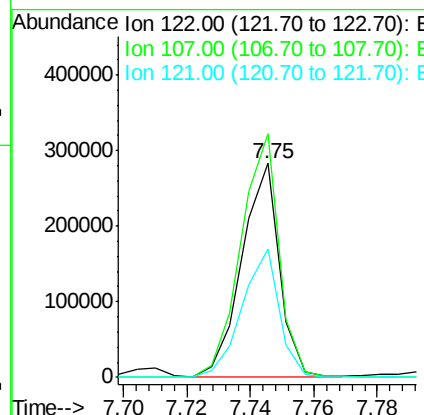
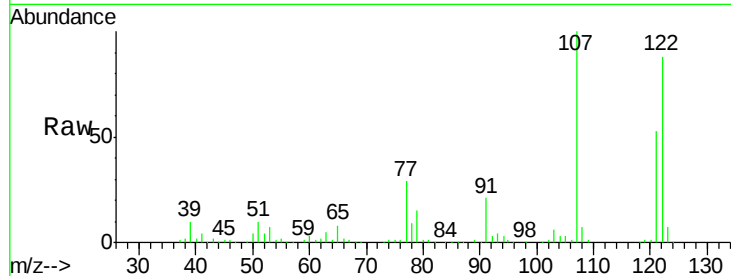
#27
 2,4-Dimethylphenol
 Concen: 29.894 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	233002		
107	114.0	91.2	136.8	
121	59.9	47.2	70.8	

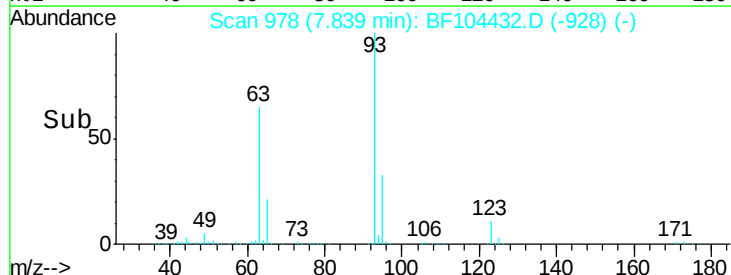
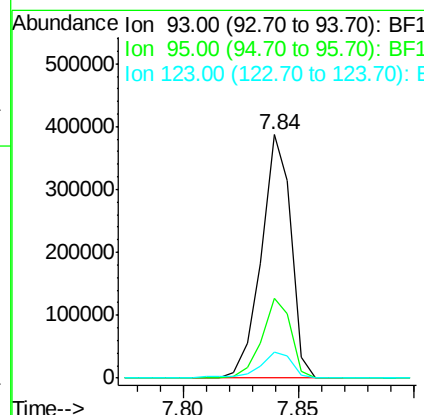
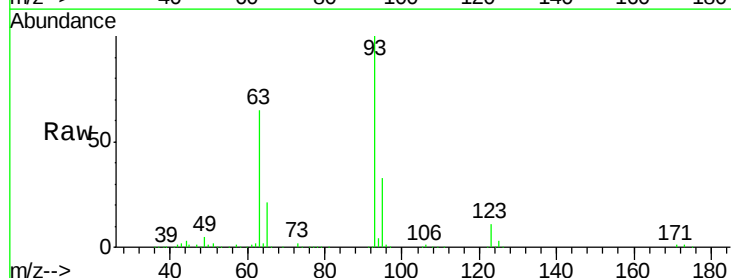
Manual Integrations
 APPROVED

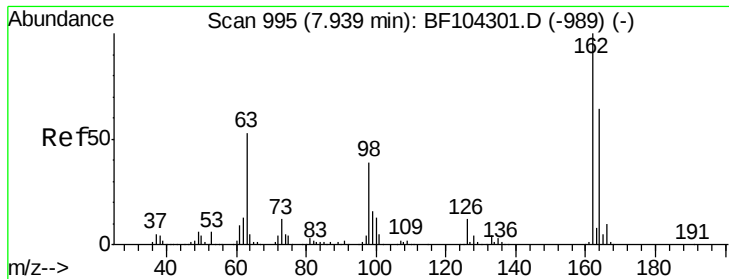
Sohil
 4/12/2018 2:30:27 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.096 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	346574		
95	32.9	26.3	39.5	
123	10.9	9.8	14.6	





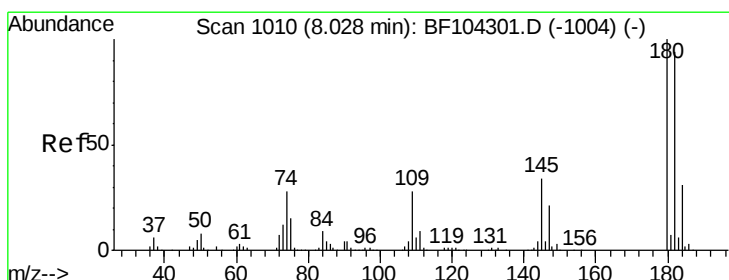
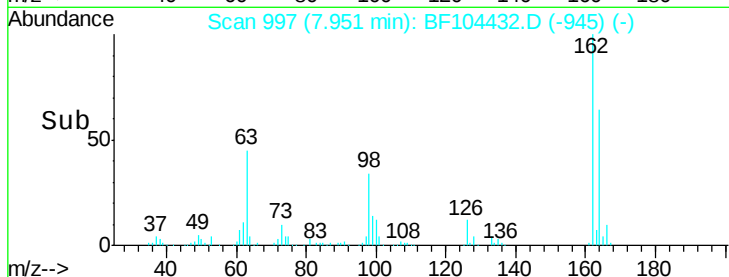
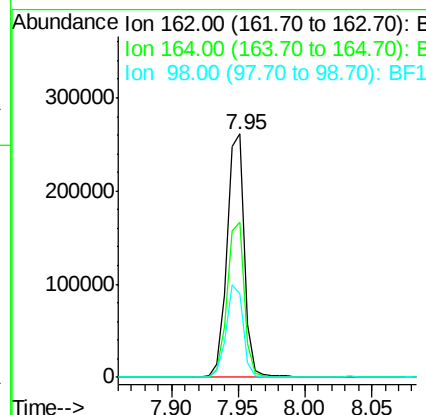
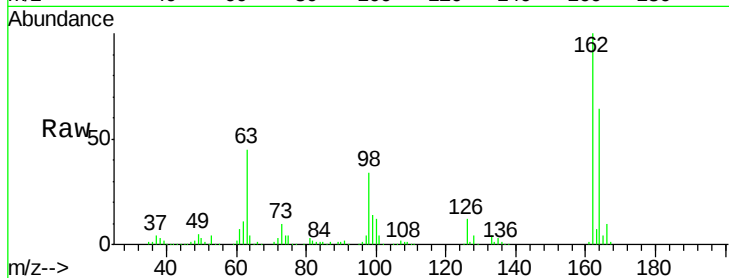
#29
2,4-Dichlorophenol
Concen: 32.592 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.0	42.7	82.7
98	34.4	18.1	58.1

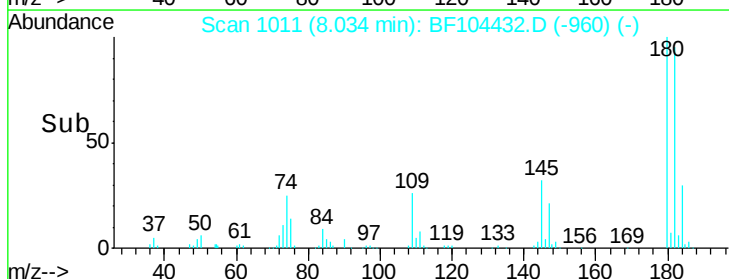
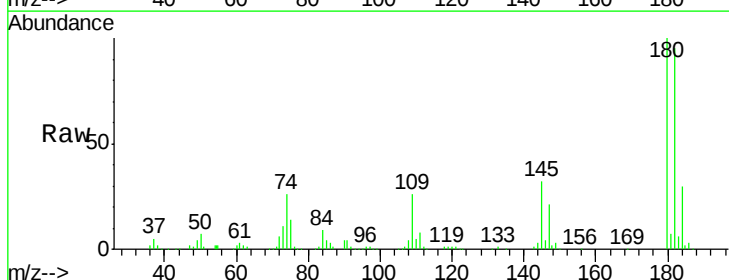
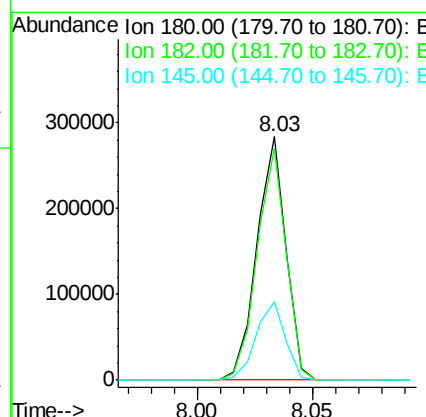
Manual Integrations
APPROVED

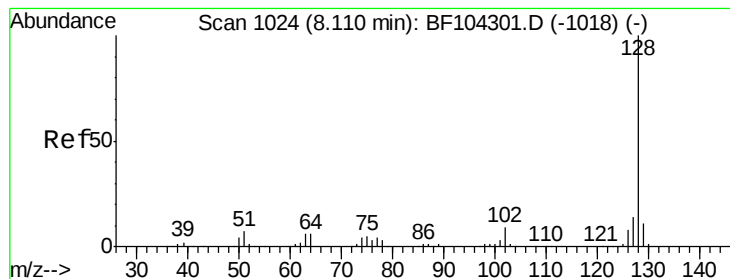
Sohil
4/12/2018 2:30:27 PM



#30
1,2,4-Trichlorobenzene
Concen: 30.552 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.5	76.8	115.2
145	32.5	26.5	39.7





#31

Naphthalene

Concen: 28.791 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

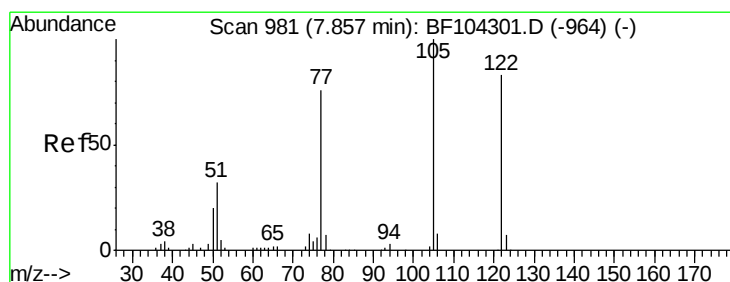
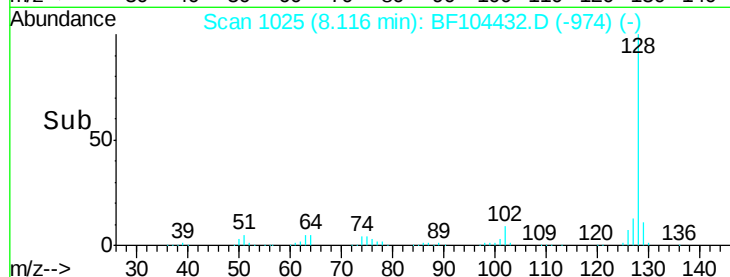
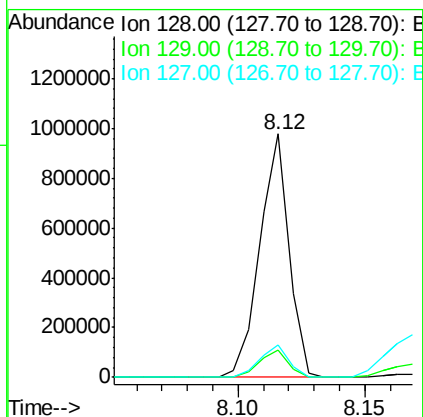
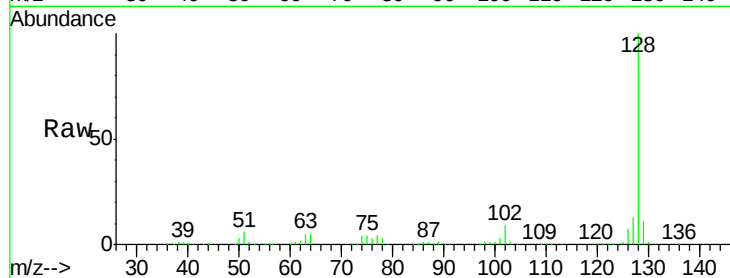
ClientSampleId :

P004-S003-0001-01MS

Tot Ion:128	Resp:	781845
Ion Ratio	Lower	Upper
128	100	
129	11.0	8.8 13.2
127	13.2	10.9 16.3

Manual Integrations
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#32

Benzoic acid

Concen: 7.010 ng

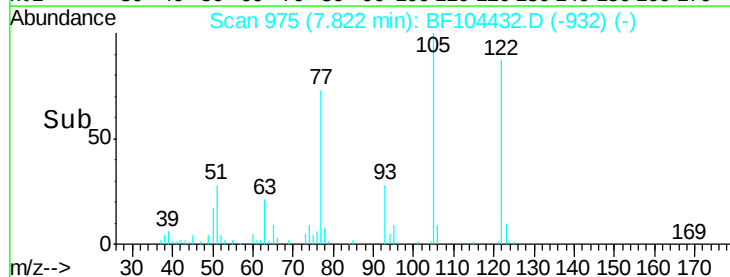
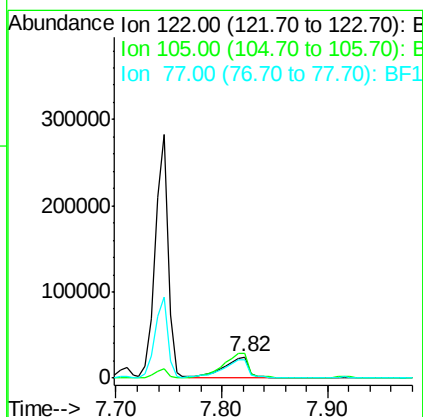
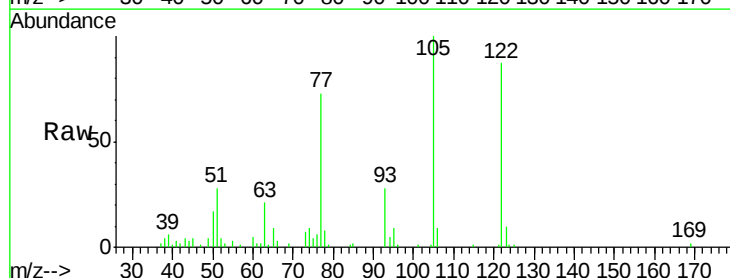
RT: 7.82 min Scan# 975

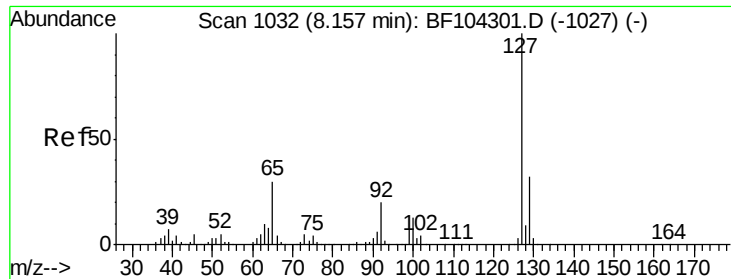
Delta R.T. -0.05 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Tgt Ion:122	Resp:	43595
Ion Ratio	Lower	Upper
122	100	
105	114.9	101.1 141.1
77	83.5	70.7 110.7





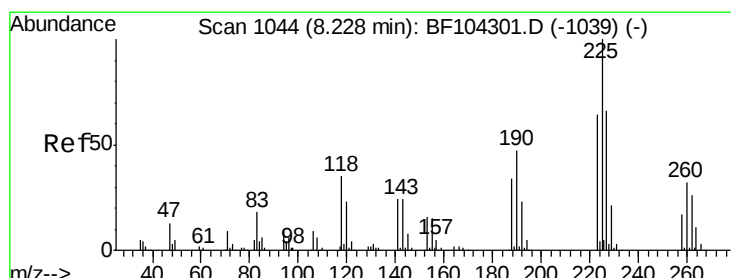
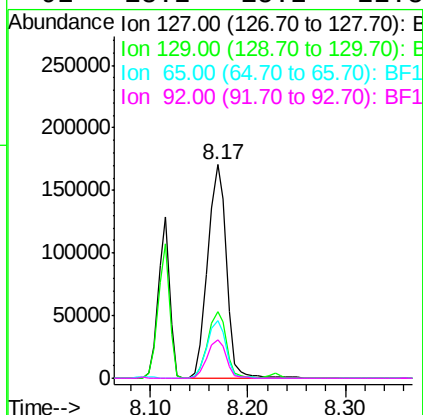
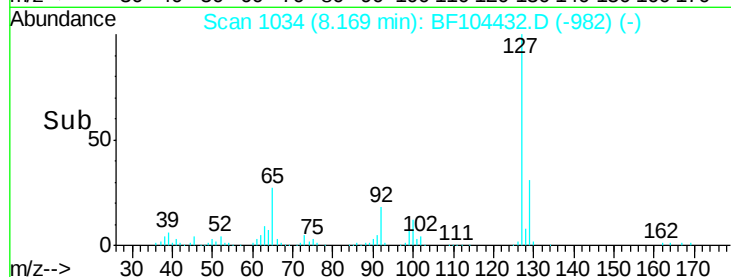
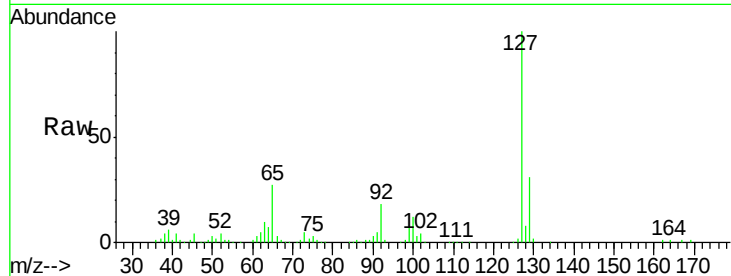
#33
4-Chloroaniline
Concen: 19.657 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.0	25.9	38.9		
65	27.1	25.0	37.4		
92	18.2	15.2	22.8		

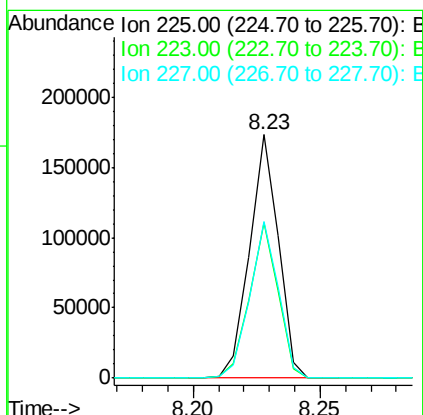
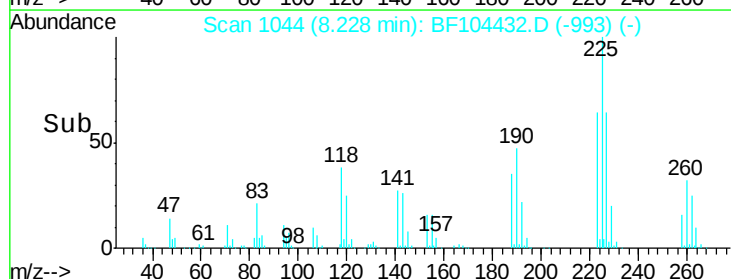
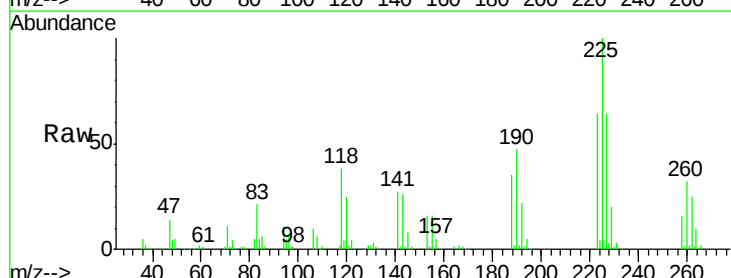
Manual Integrations
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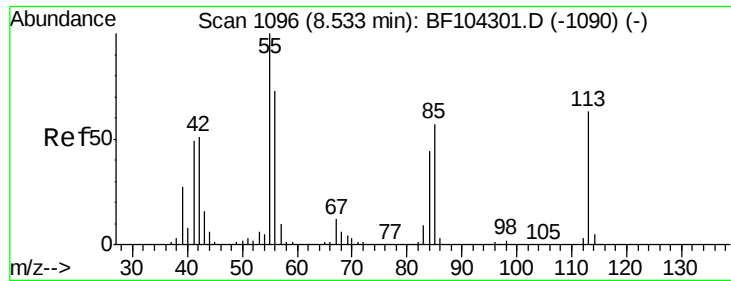
Sohil
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#34
Hexachlorobutadiene
Concen: 30.776 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	50.6	76.0		
227	64.4	51.9	77.9		





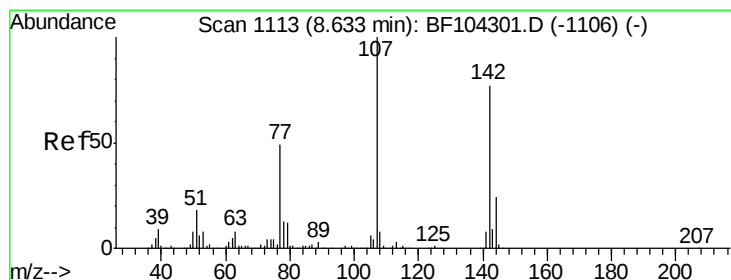
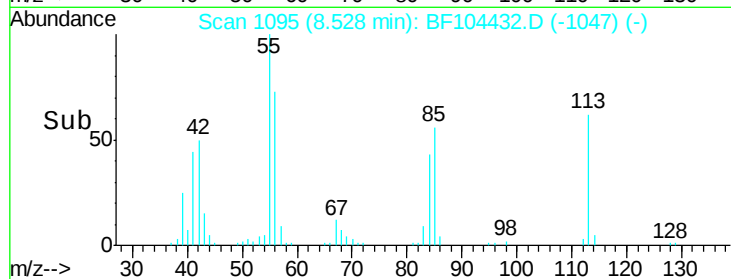
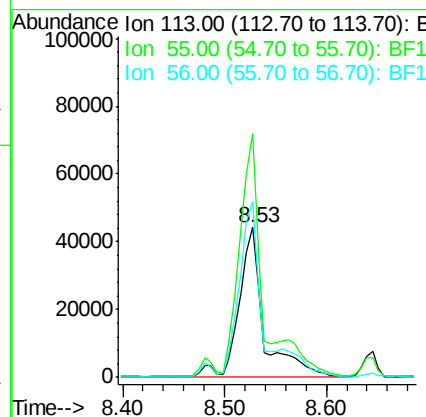
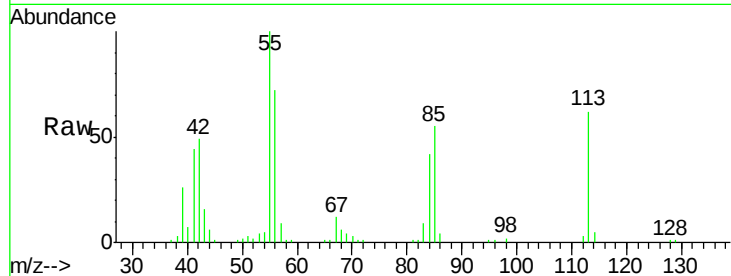
#35
Caprolactam
Concen: 29.112 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	162.6	163.3	203.3#
56	117.8	115.7	155.7

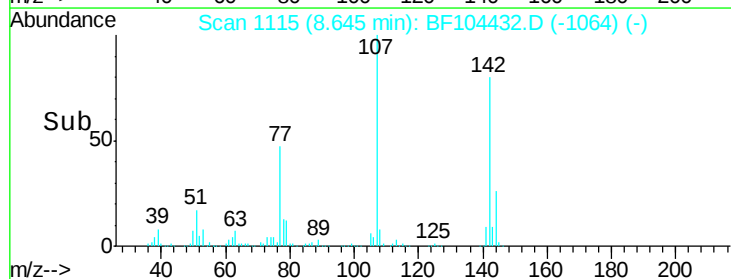
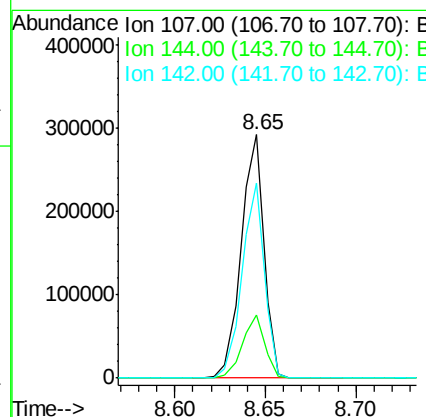
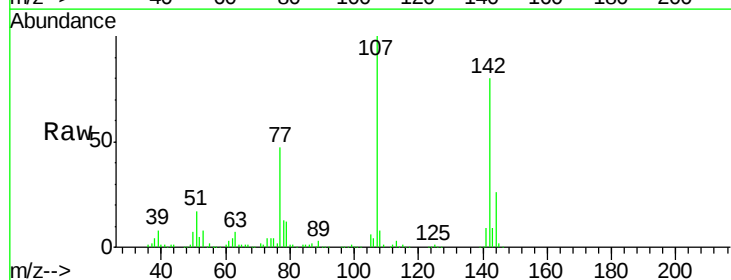
Manual Integrations
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4/12/2018 2:30:27 PM



#36
4-Chloro-3-methylphenol
Concen: 32.082 ng/ml
RT: 8.65 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.5	30.7
142	80.3	62.0	93.0





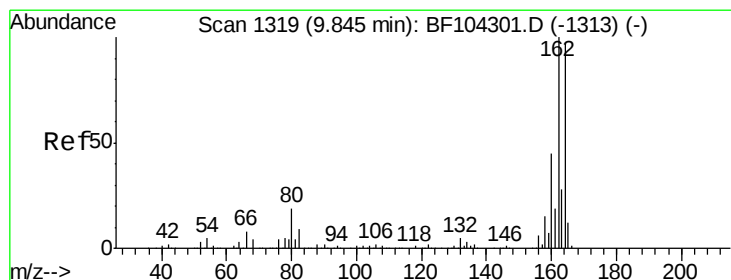
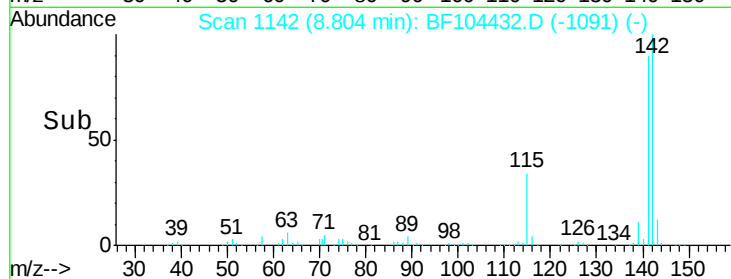
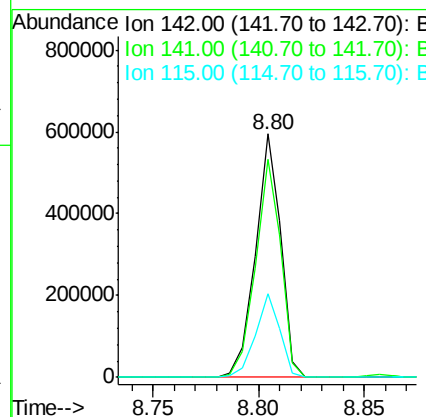
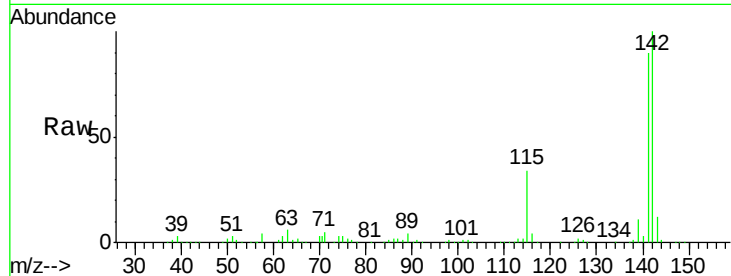
#37
2-Methylnaphthalene
Concen: 28.029 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	492350		
141	89.7	70.8	106.2	
115	34.4	26.1	39.1	

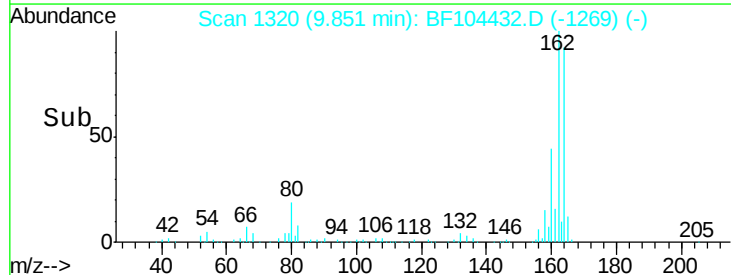
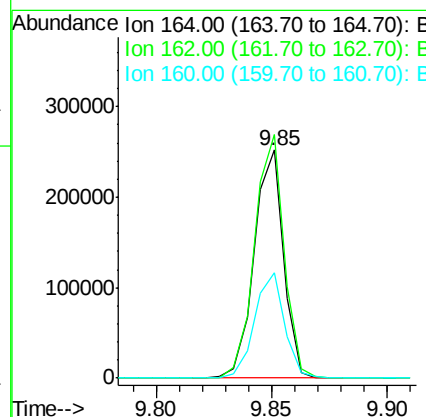
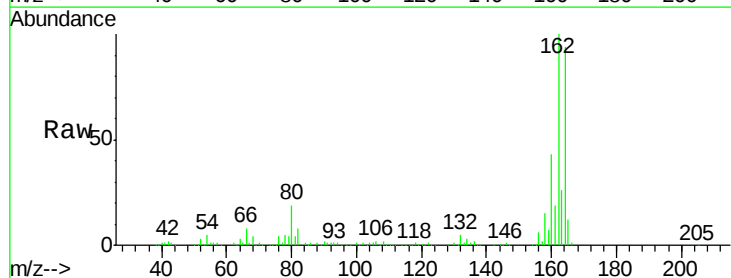
Manual Integrations
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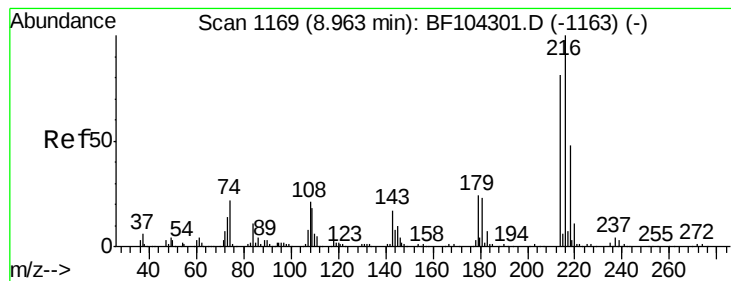
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	223414		
162	106.9	86.1	129.1	
160	46.4	38.3	57.5	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.461 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

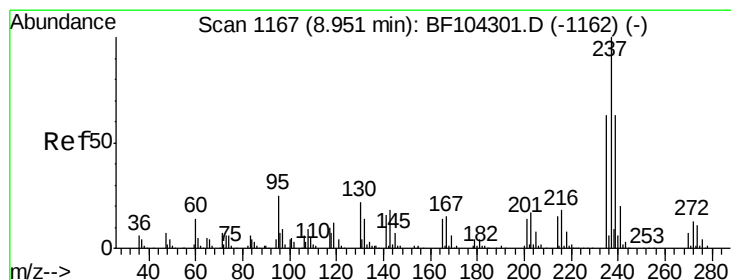
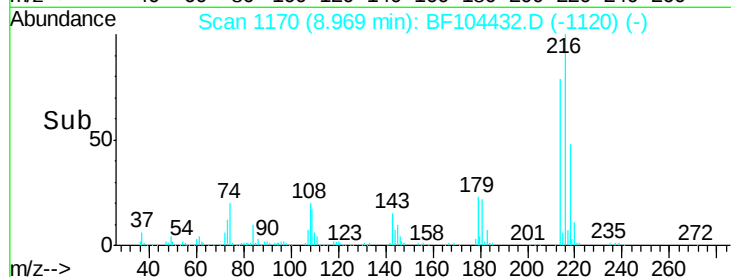
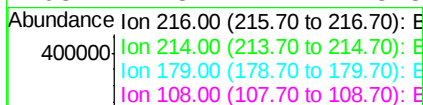
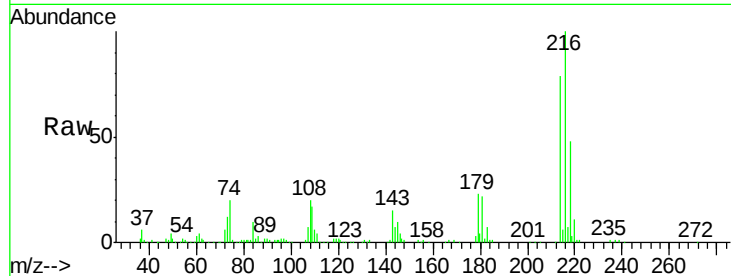
ClientSampleId :

P004-S003-0001-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		220391		
214	79.3		63.0	94.4	
179	22.8		18.1	27.1	
108	21.8		17.2	25.8	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 42.095 ng

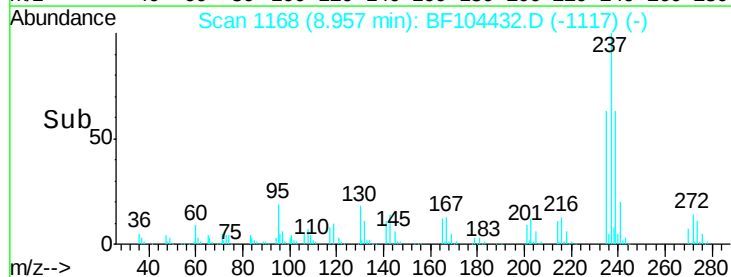
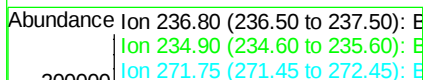
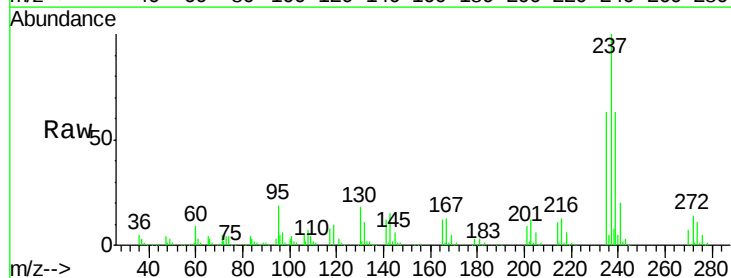
RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		150715		
235	63.3		44.8	84.8	
272	13.8		0.0	33.3	





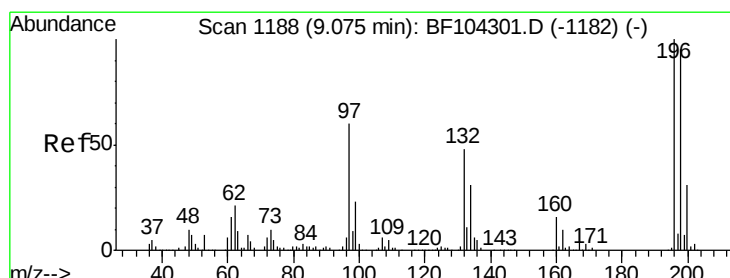
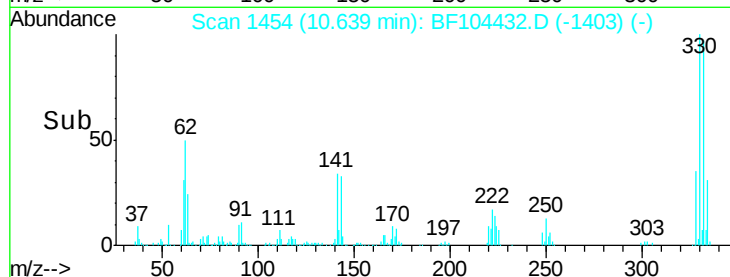
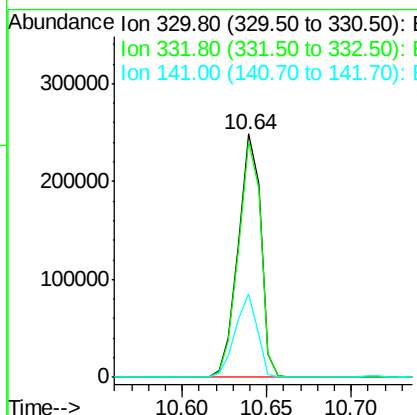
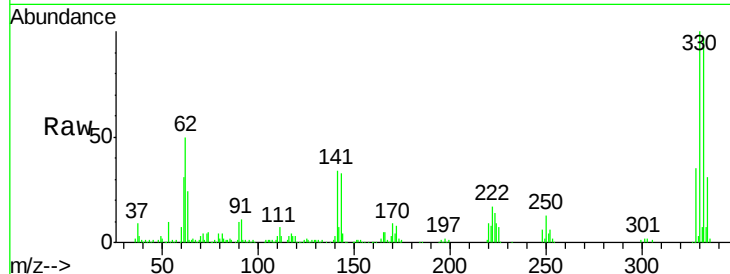
#41
 2,4,6-Tribromophenol
 Concen: 99.888 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	231494		
332	96.9	77.0	115.6	
141	33.2	29.9	44.9	

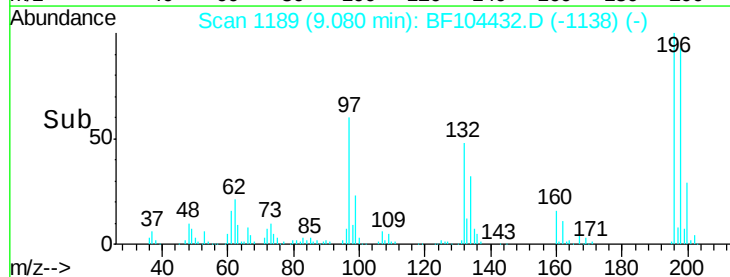
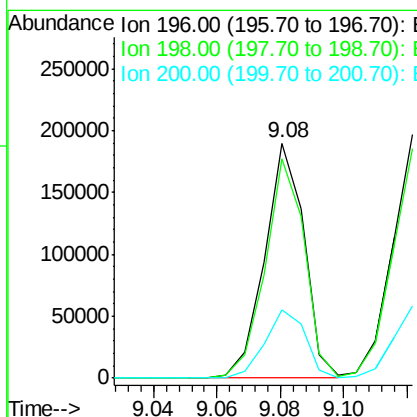
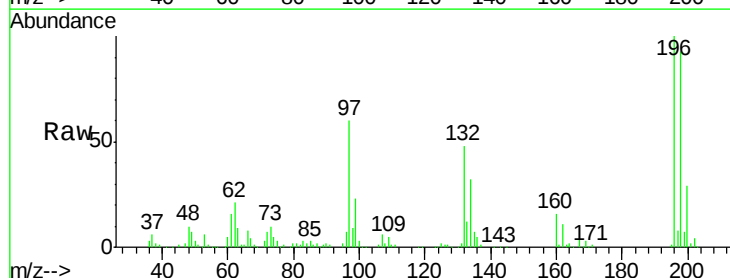
Manual Integrations
 APPROVED

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 4/12/2018 2:30:27 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.900 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	163819		
198	93.2	75.7	113.5	
200	29.3	24.5	36.7	





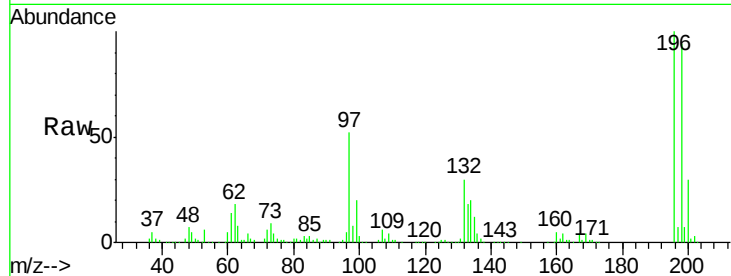
#43
 2,4,5-Trichlorophenol
 Concen: 33.745 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

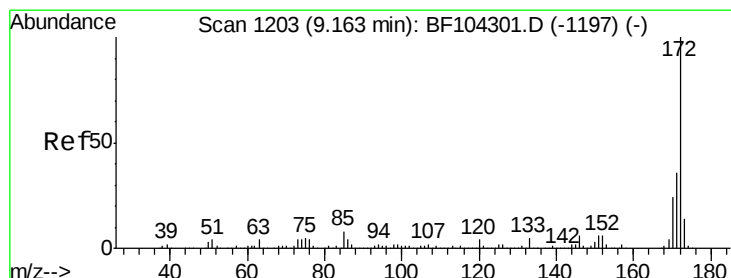
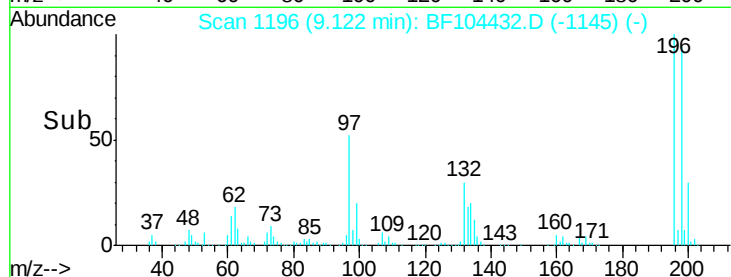
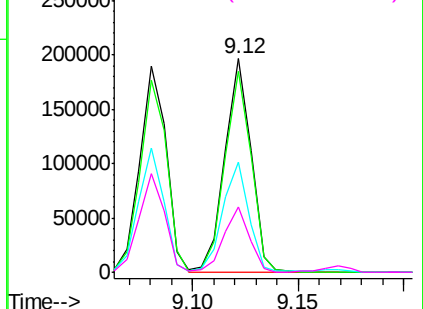
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		167646		
198	94.2	74.6	112.0		
97	51.6	42.9	64.3		
132	30.4	26.3	39.5		

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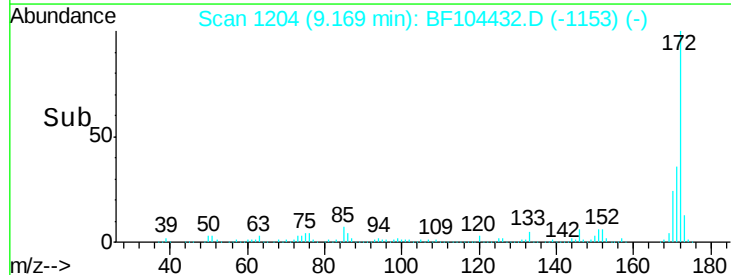
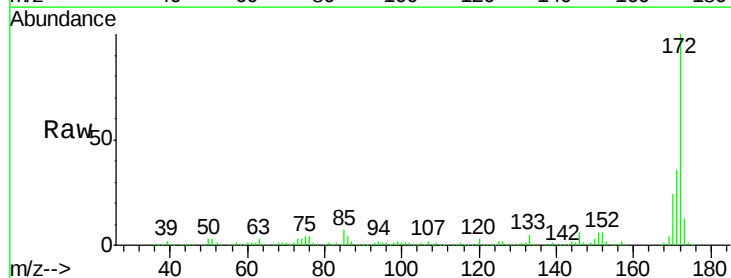
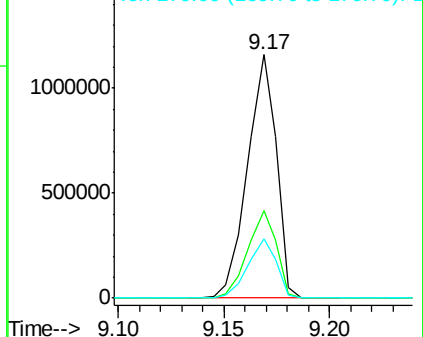
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

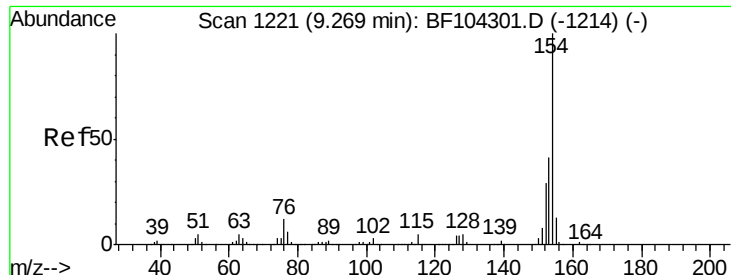


#44
 2-Fluorobiphenyl
 Concen: 78.000 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1103100		
171	36.0	29.7	44.5		
170	24.3	19.6	29.4		

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 33.643 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

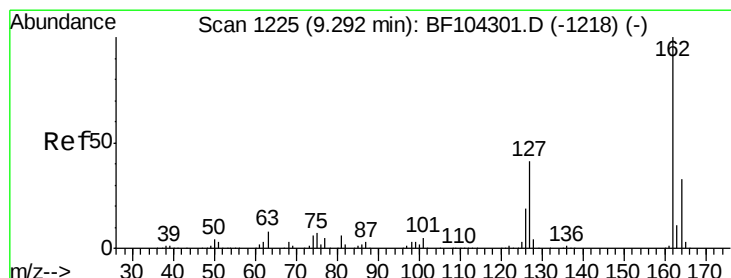
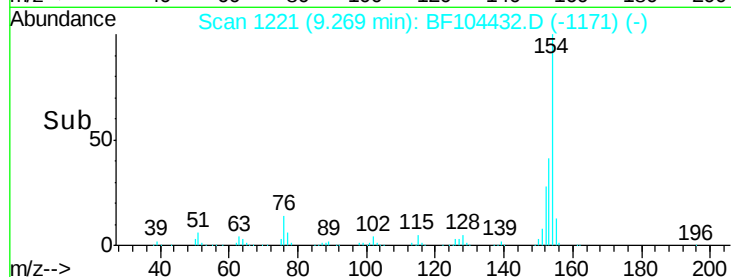
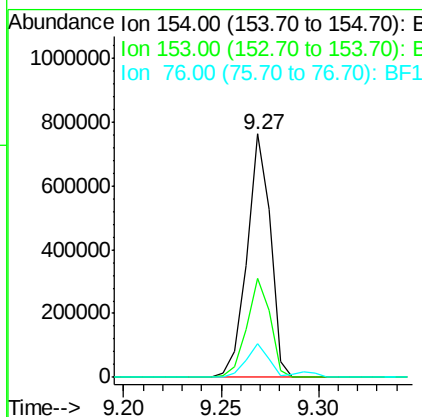
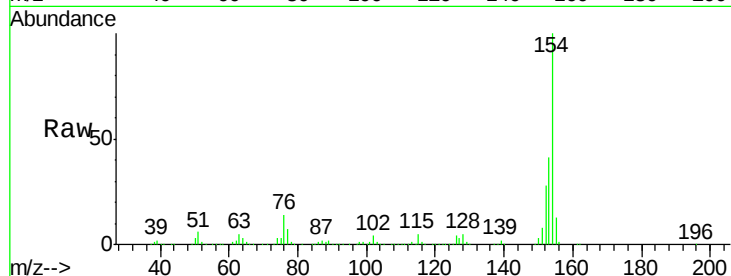
ClientSampleId :

P004-S003-0001-01MS

Tot Ion:	154	Resp:	631414
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.3	61.3
76	13.8	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 33.476 ng

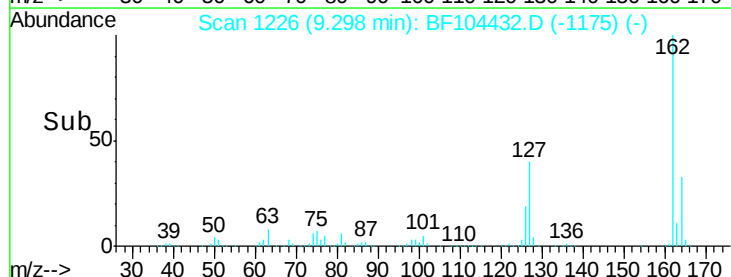
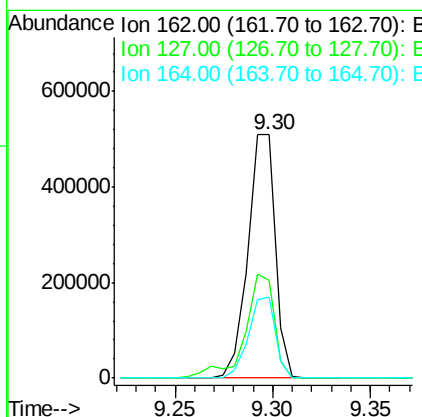
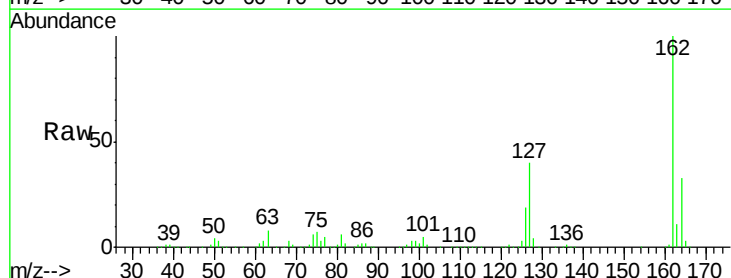
RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Tgt Ion:	162	Resp:	496268
Ion Ratio	Lower	Upper	
162	100		
127	40.1	33.9	50.9
164	33.1	26.5	39.7





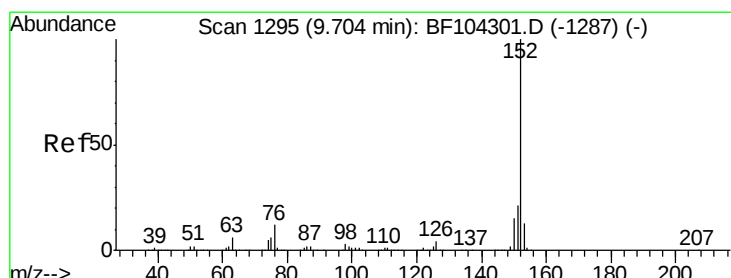
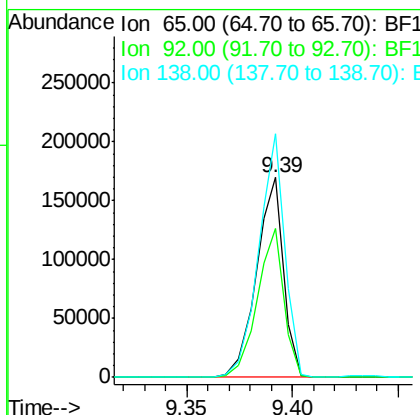
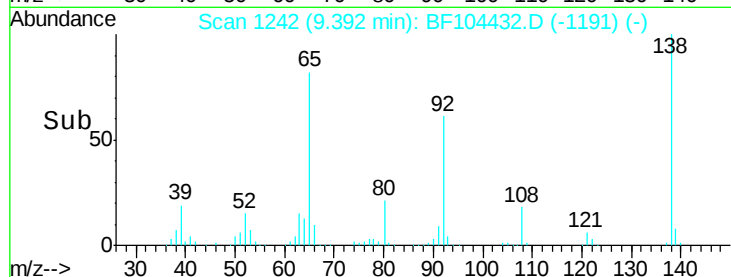
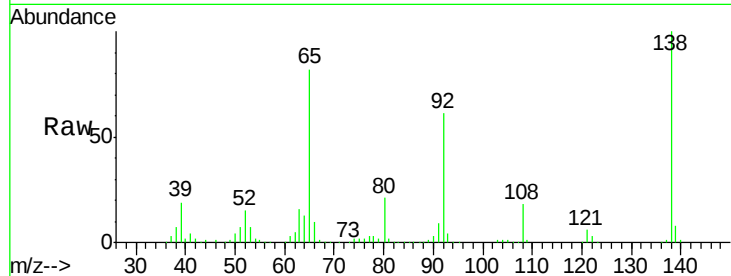
#47
 2-Nitroaniline
 Concen: 41.339 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

Tot Ion:	65	Resp:	151552
Ion Ratio	Lower	Upper	
65	100		
92	74.7	55.8	83.6
138	122.0	91.2	136.8

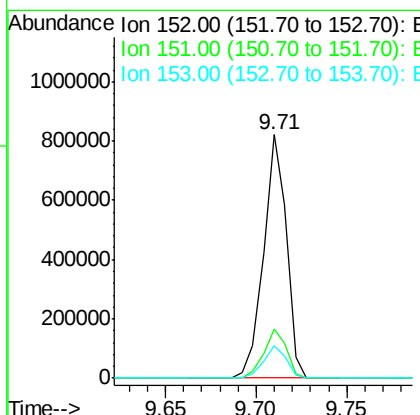
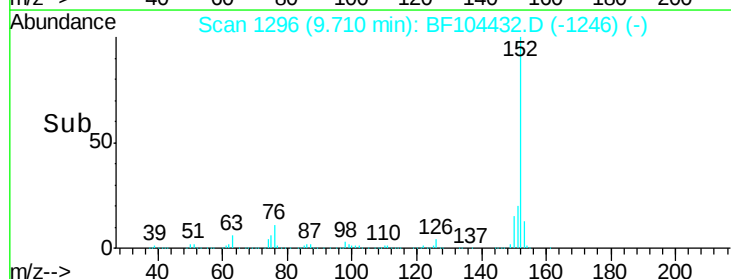
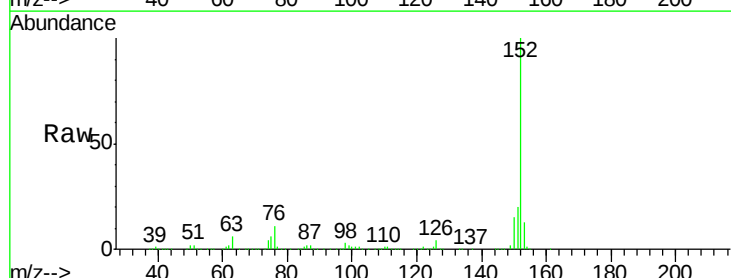
Manual Integrations
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Sohil
 4/12/2018 2:30:27 PM



#48
 Acenaphthylene
 Concen: 30.838 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion:	152	Resp:	717264
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.3	24.5
153	13.2	10.7	16.1





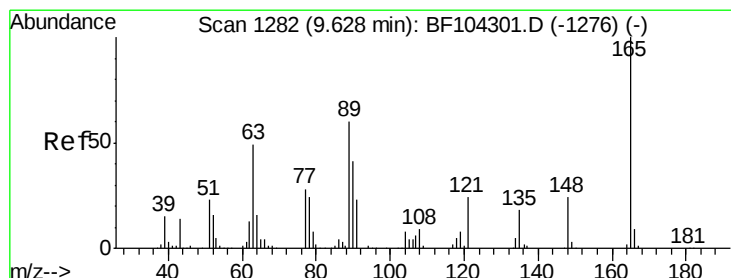
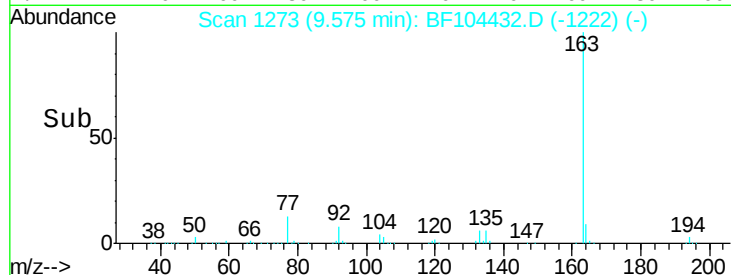
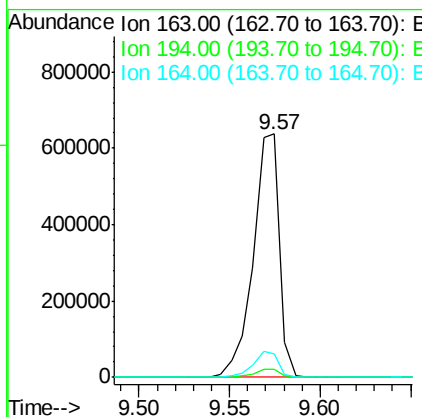
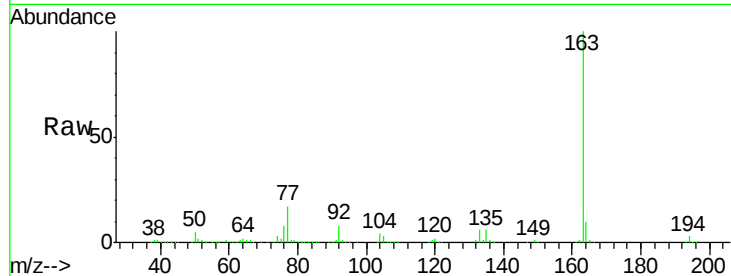
#49
Dimethylphthalate
Concen: 36.179 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	637401		
194	3.5	2.7	4.1	
164	9.5	8.2	12.2	

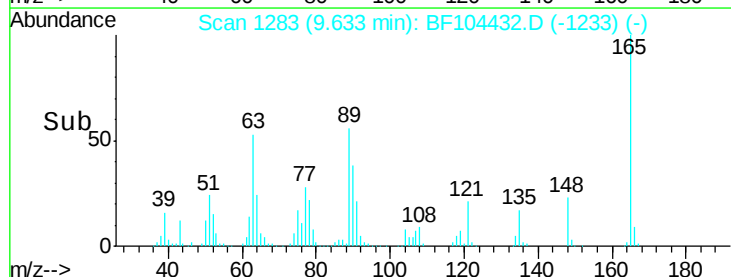
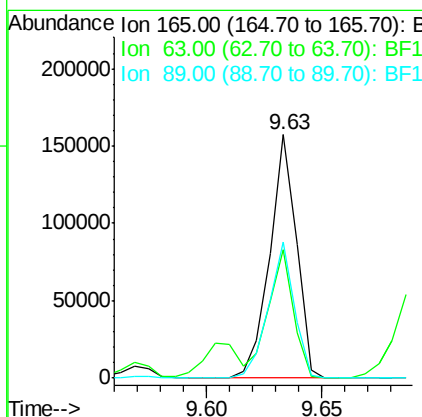
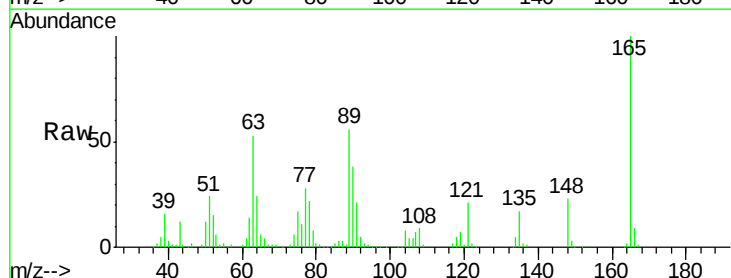
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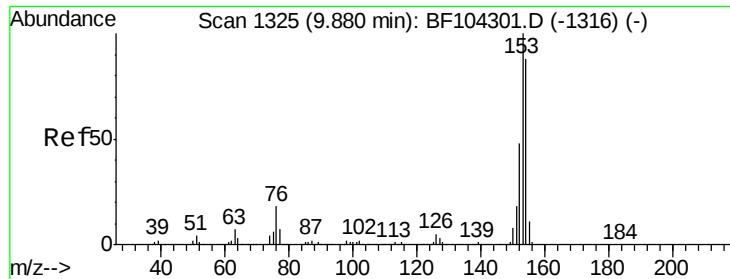
Sohil
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#50
2,6-Dinitrotoluene
Concen: 38.915 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	126863		
63	52.9	44.7	67.1	
89	55.7	44.0	66.0	





#51

Acenaphthene

Concen: 31.487 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

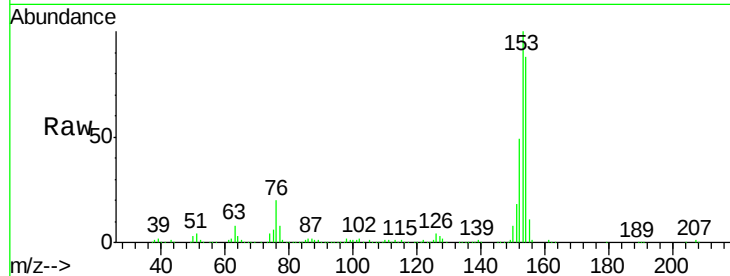
ClientSampleId :

P004-S003-0001-01MS

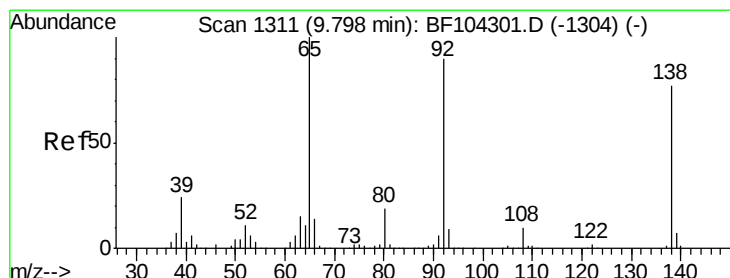
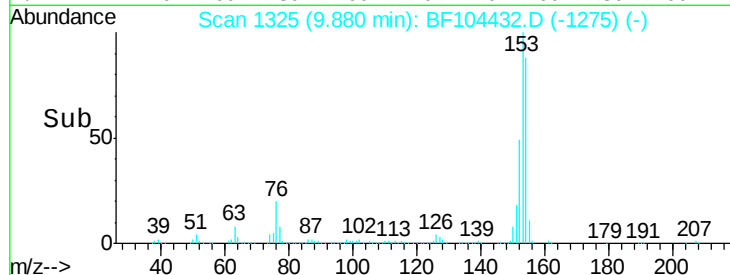
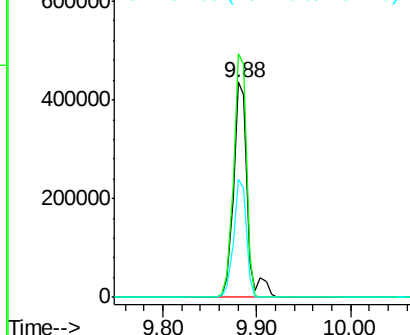
Tot Ion:	154	Resp:	446841
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.2	136.8
152	55.2	43.8	65.8

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



#52

3-Nitroaniline

Concen: 28.283 ng

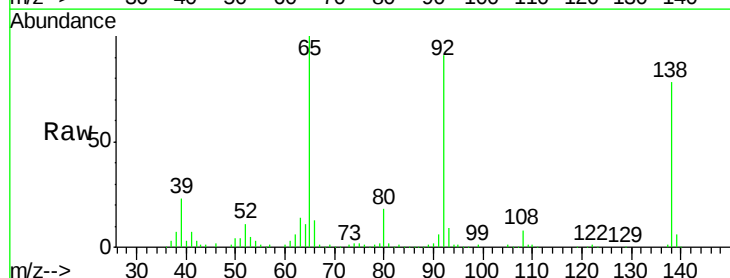
RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

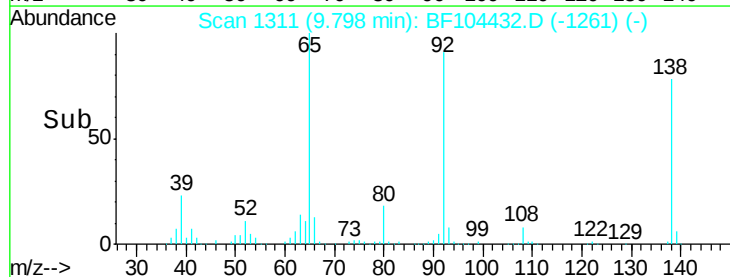
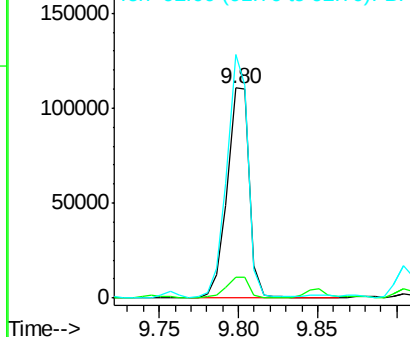
Lab File: BF104432.D

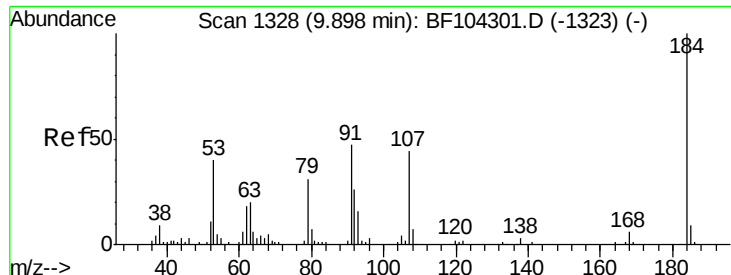
Acq: 11 Apr 2018 12:36

Tgt Ion:	138	Resp:	107942
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	116.0	89.4	134.2



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





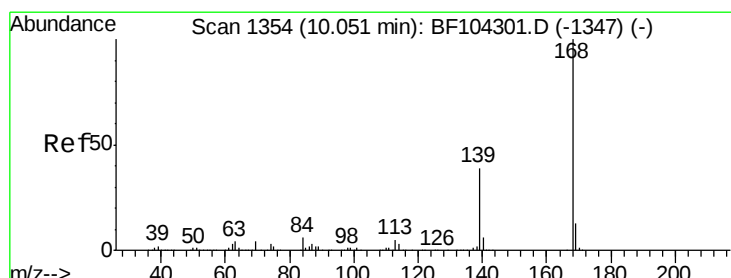
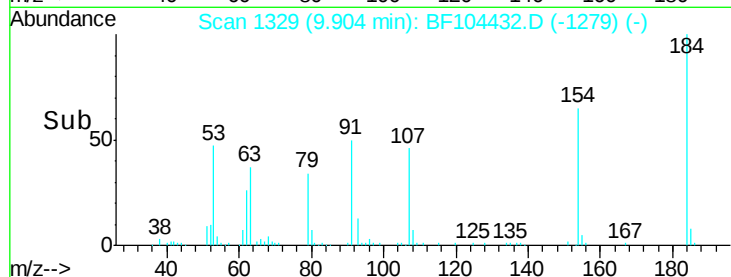
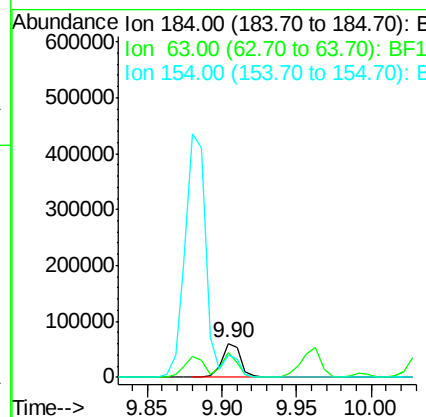
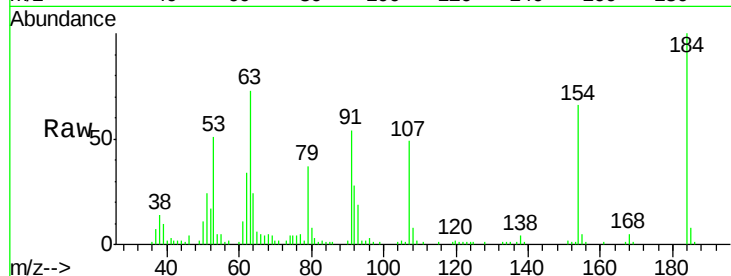
#53
 2,4-Dinitrophenol
 Concen: 49.491 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
63	73.4	54.2	81.2		
154	65.7	184.0	276.0		

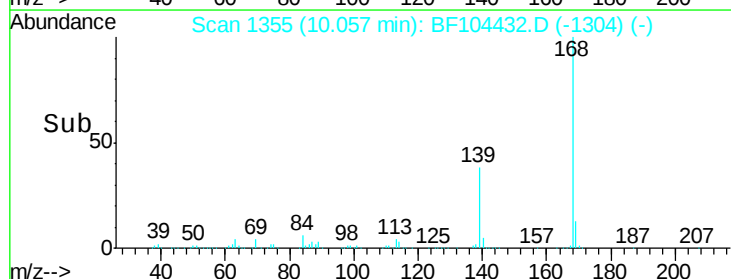
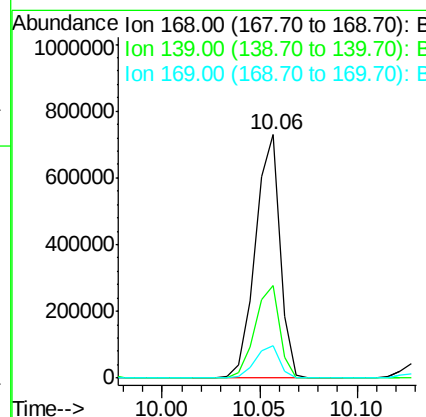
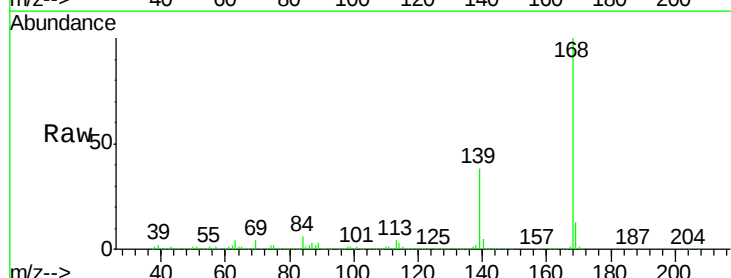
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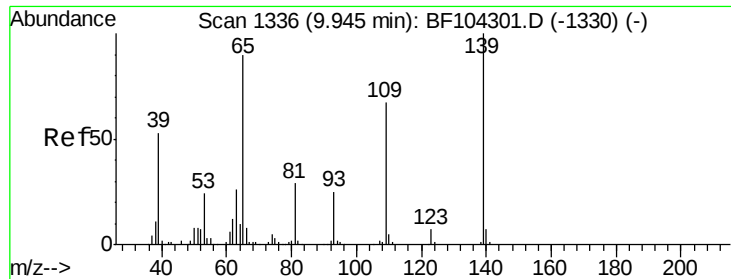
Sohil
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#54
 Dibenzofuran
 Concen: 32.111 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
168	100				
139	37.8	30.1	45.1		
169	13.4	10.9	16.3		





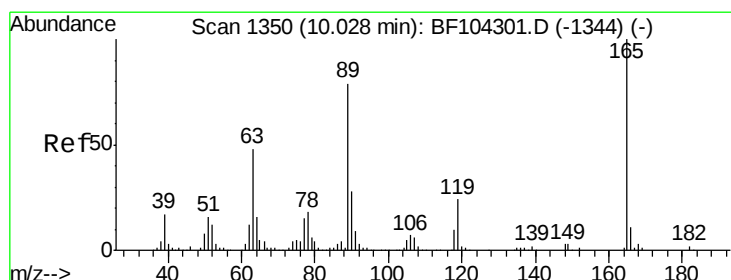
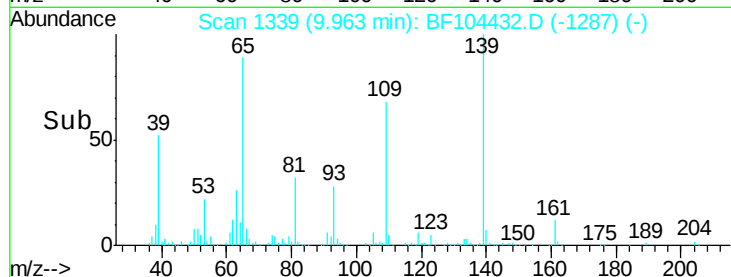
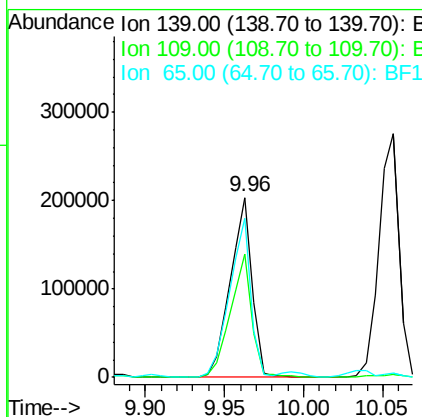
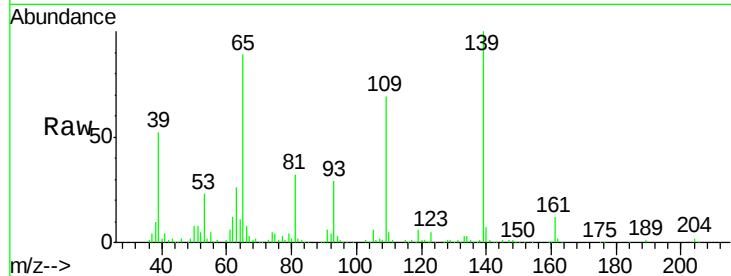
#55
4-Nitrophenol
Concen: 65.249 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	195614		
109	68.7	48.4	88.4	
65	88.7	72.6	112.6	

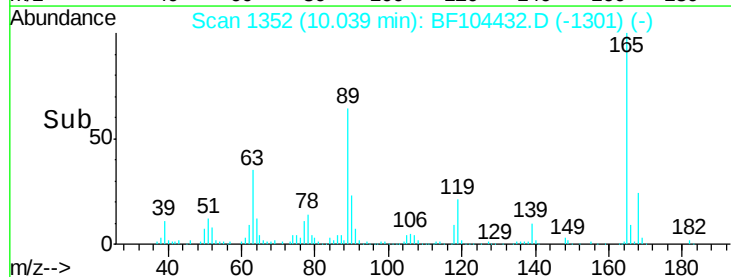
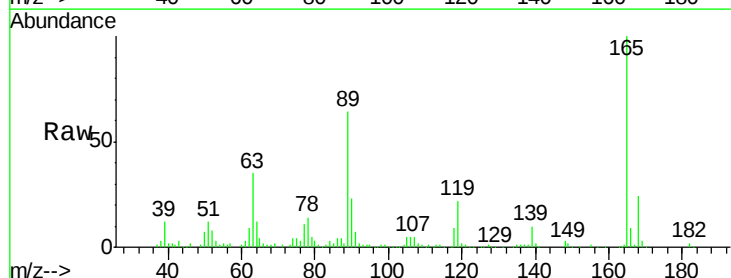
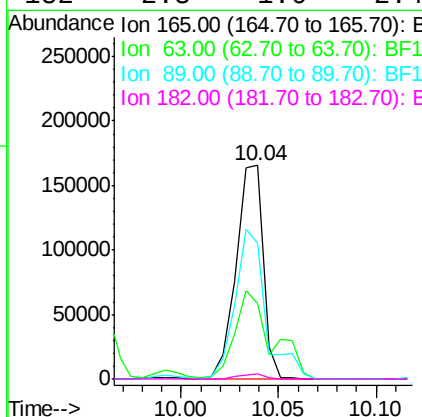
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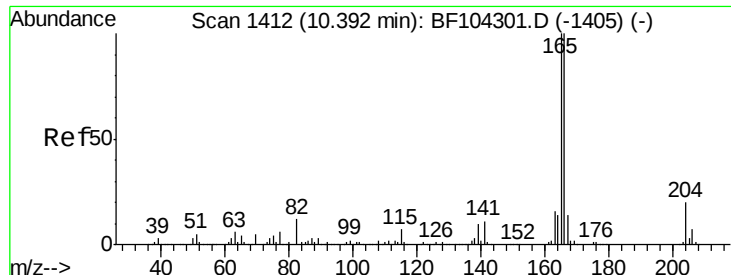
Sohil
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#56
2,4-Dinitrotoluene
Concen: 37.454 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	160160		
63	35.4	36.4	54.6#	
89	63.6	57.8	86.6	
182	2.3	1.6	2.4	





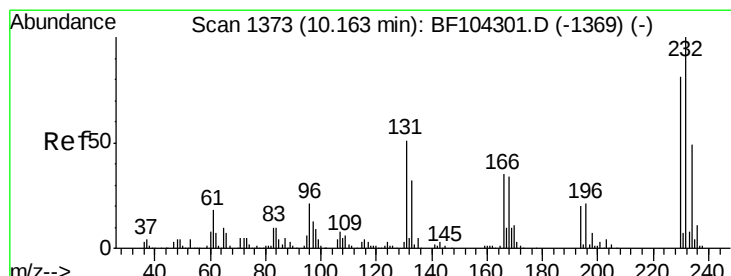
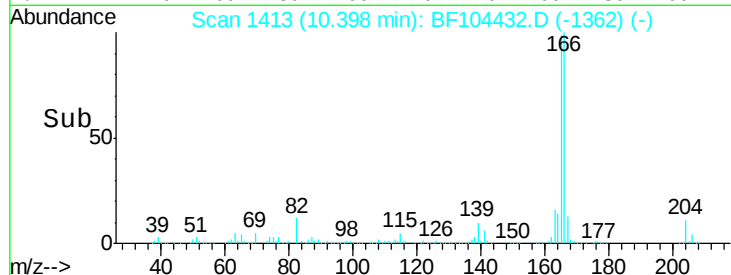
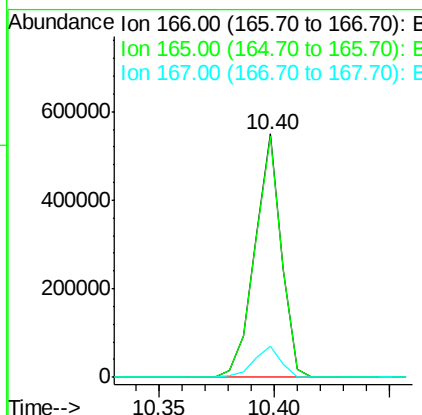
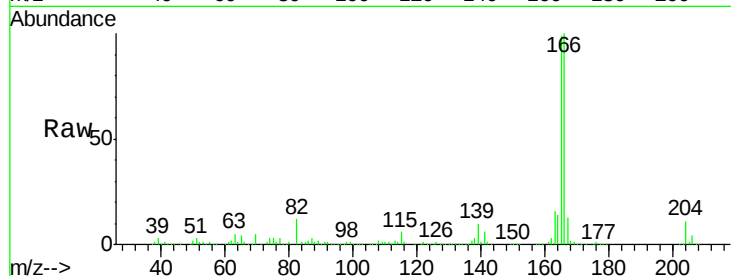
#57
 Fluorene
 Concen: 30.413 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	437806		
165	99.1	79.8	119.8	
167	13.0	10.6	16.0	

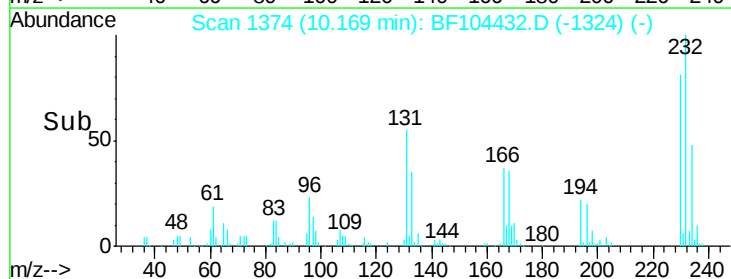
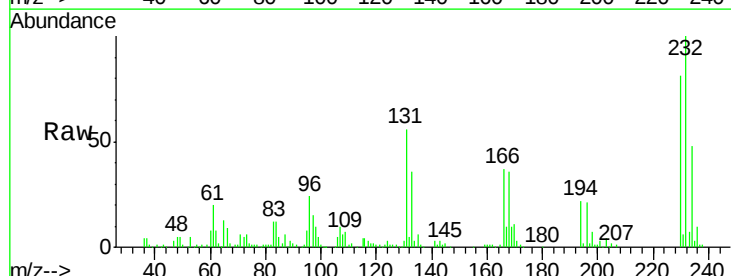
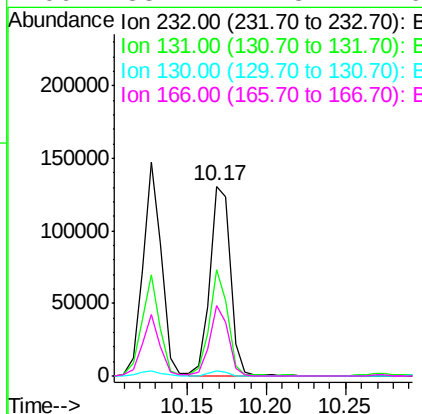
Manual Integrations
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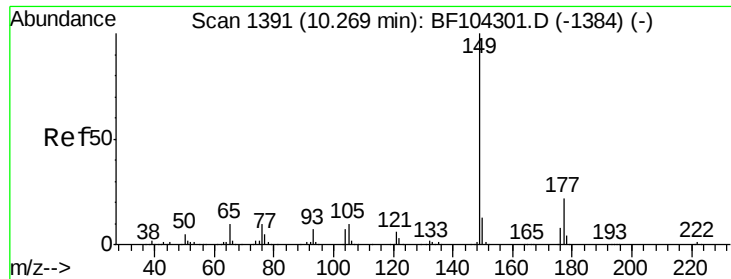
Sohil
 4/12/2018 2:30:27 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.163 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	119210		
131	49.3	43.8	65.8	
130	2.6	2.1	3.1	
166	33.7	27.8	41.6	





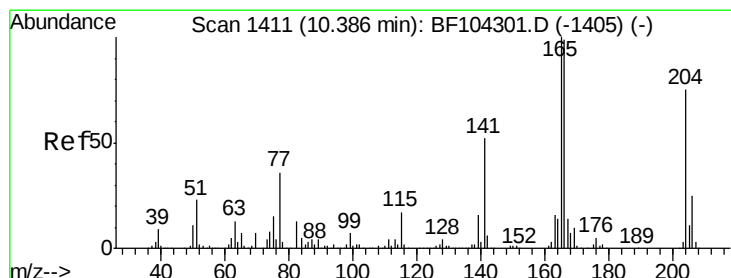
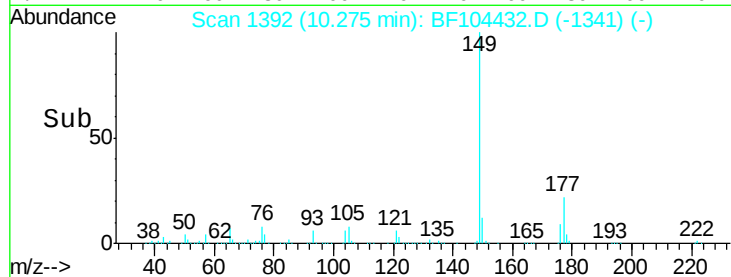
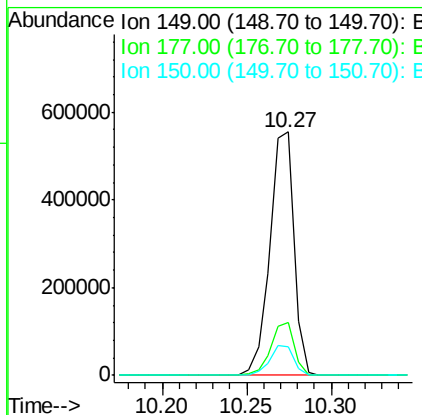
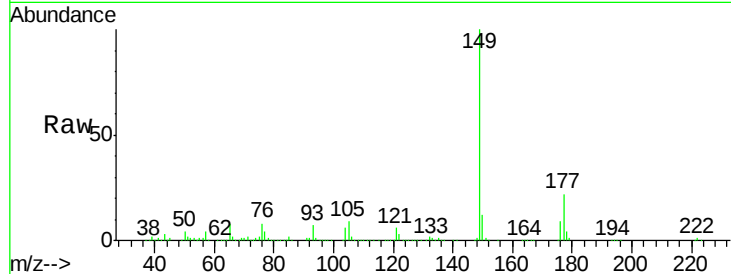
#59
Diethylphthalate
Concen: 30.999 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.1	24.1
150	11.8	10.1	15.1

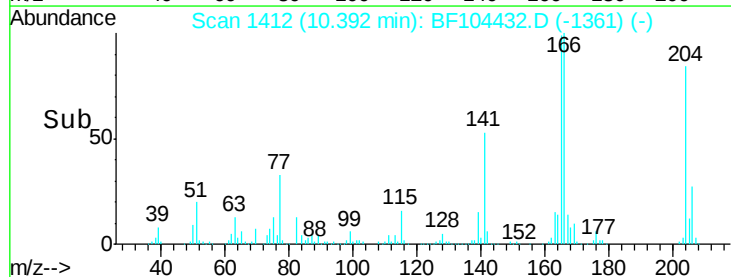
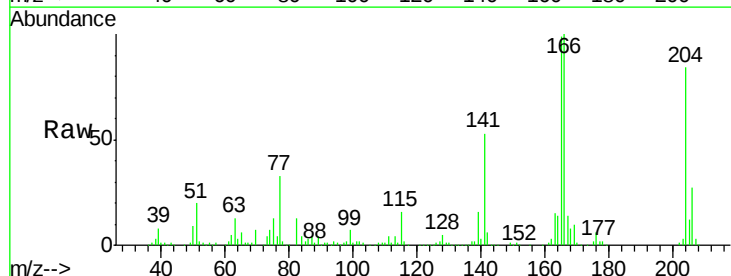
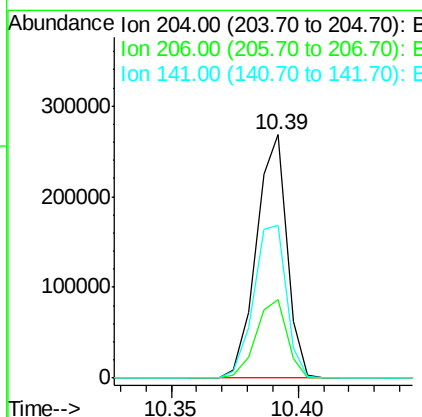
Manual Integrations
APPROVED

Sohil
4/12/2018 2:30:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.256 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	62.6	54.6	81.8





#61

4-Nitroaniline

Concen: 31.285 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

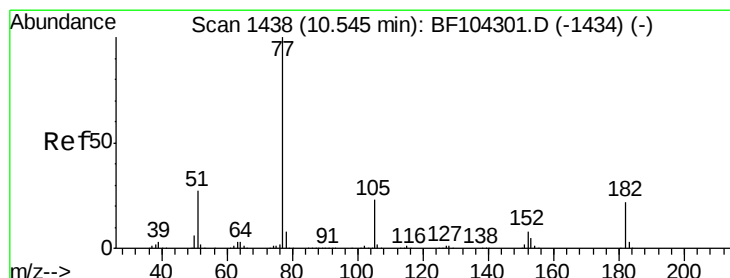
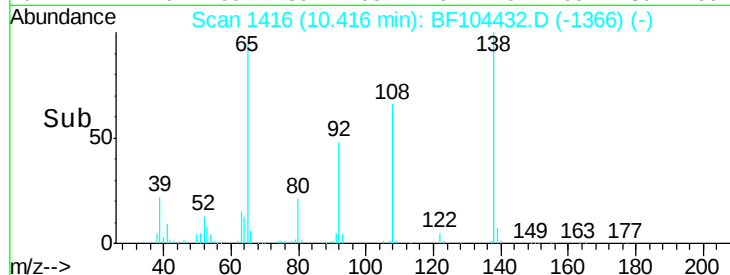
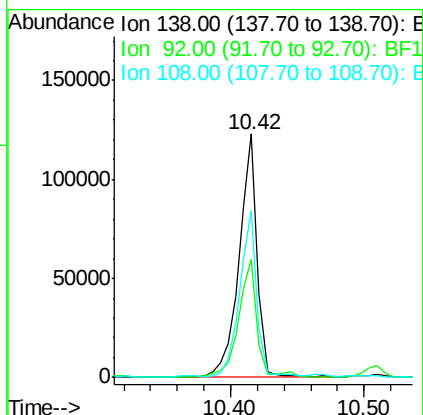
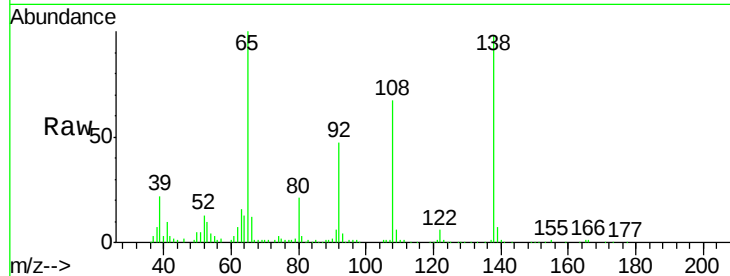
ClientSampleId :

P004-S003-0001-01MS

Tot Ion:	138	Resp:	116746
Ion Ratio	Lower	Upper	
138	100		
92	48.5	30.2	70.2
108	68.8	52.5	92.5

Manual Integrations
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Sohil
4/12/2018 2:30:27 PM



#62

Azobenzene

Concen: 29.786 ng

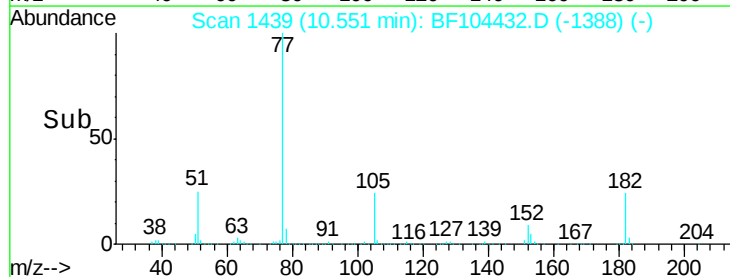
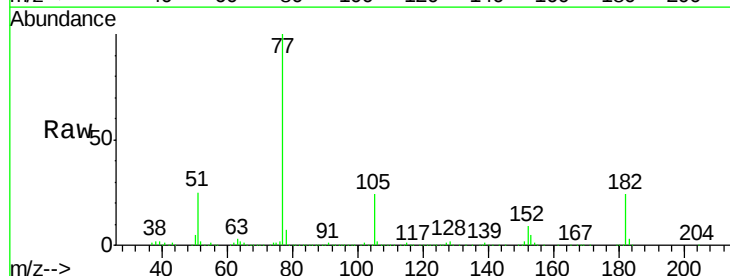
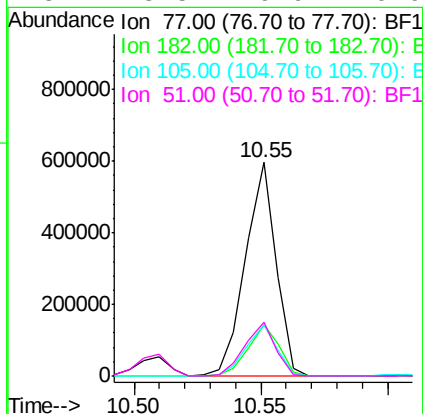
RT: 10.55 min Scan# 1439

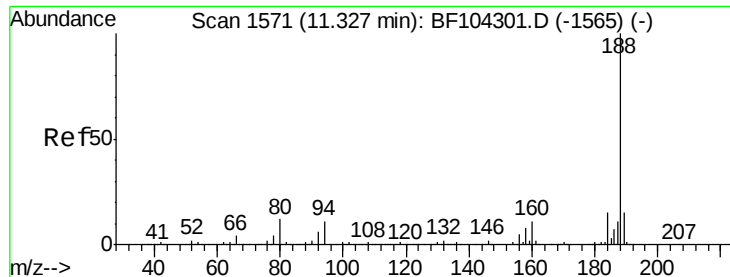
Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Tgt Ion:	77	Resp:	499319
Ion Ratio	Lower	Upper	
77	100		
182	23.8	1.7	41.7
105	24.0	3.0	43.0
51	25.5	9.9	49.9





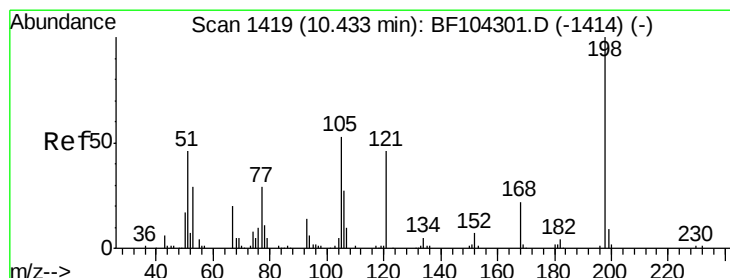
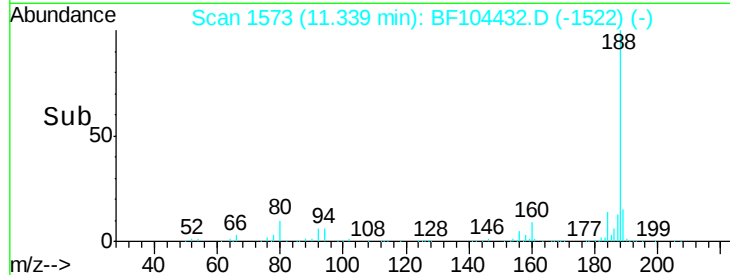
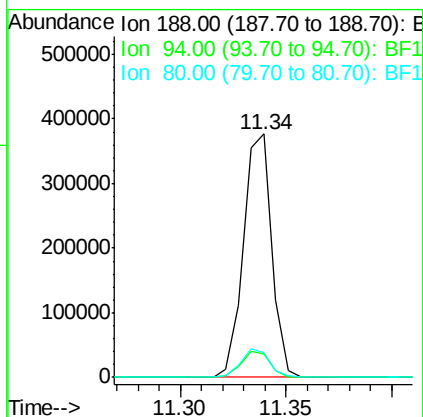
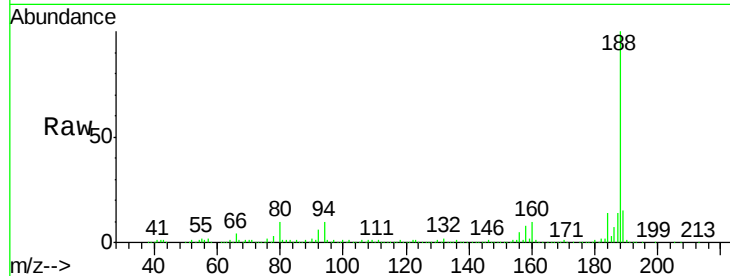
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.4	9.2	13.8

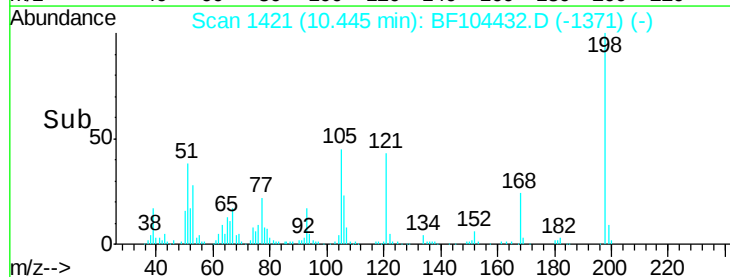
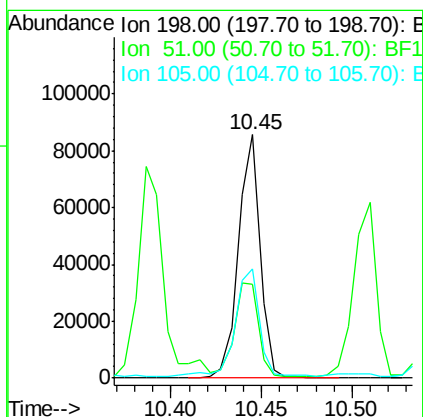
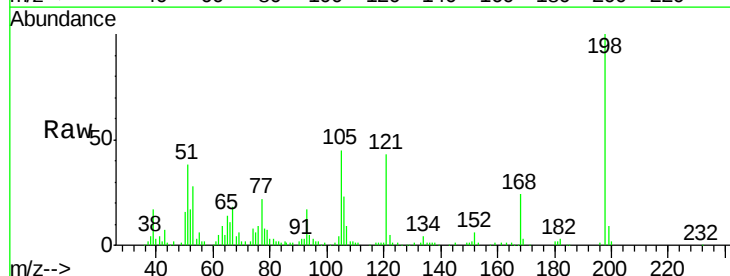
Manual Integrations
APPROVED

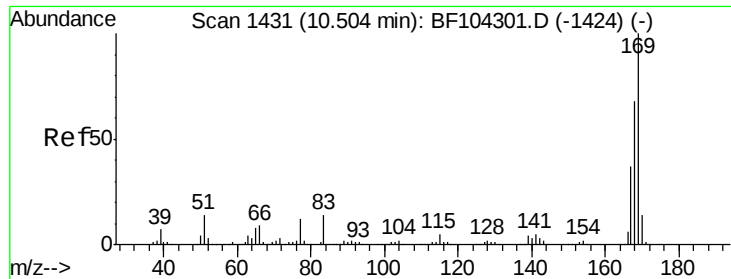
Sohil
4/12/2018 2:30:27 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 42.777 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	38.4	37.7	77.7
105	45.1	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 35.870 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

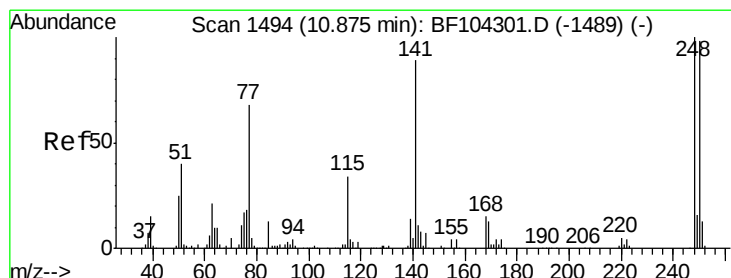
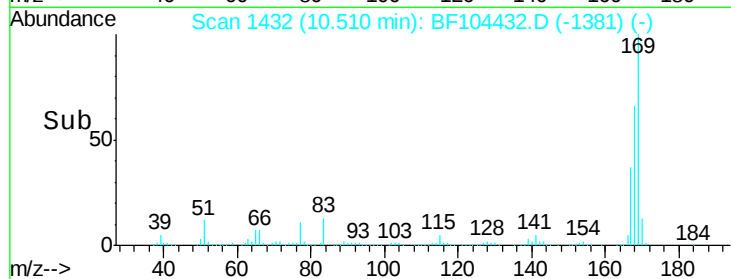
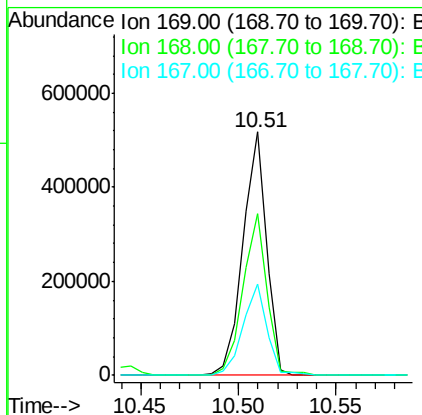
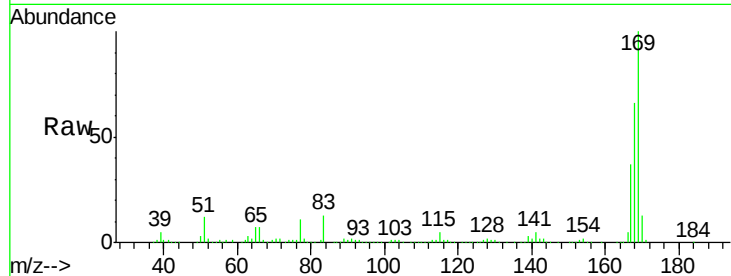
ClientSampleId :

P004-S003-0001-01MS

Tot Ion:	169	Resp:	435751
Ion Ratio	Lower	Upper	
169	100		
168	66.5	54.4	81.6
167	37.3	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 35.979 ng

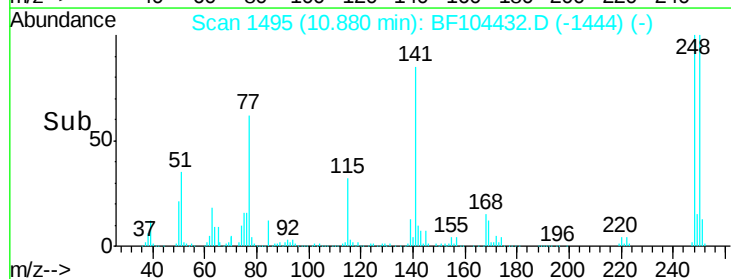
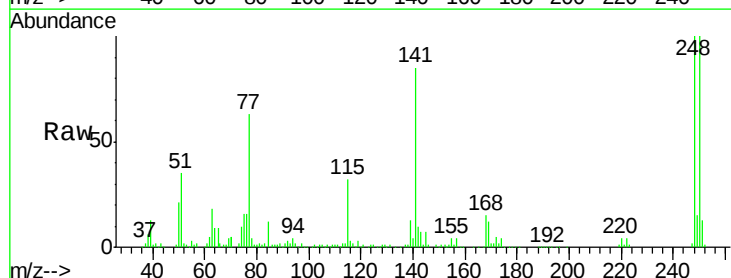
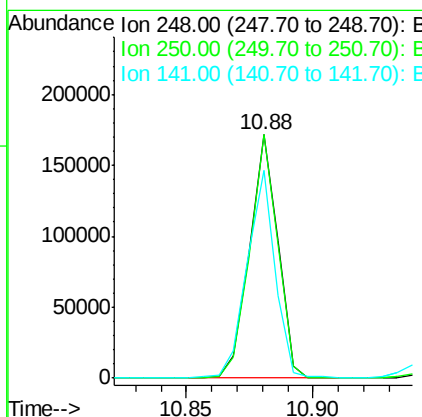
RT: 10.88 min Scan# 1495

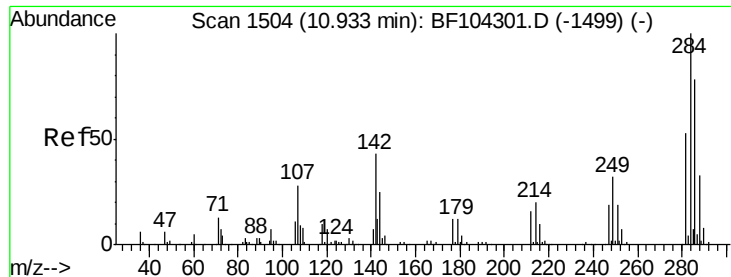
Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Tgt Ion:	248	Resp:	134086
Ion Ratio	Lower	Upper	
248	100		
250	100.1	76.9	115.3
141	85.4	74.4	111.6





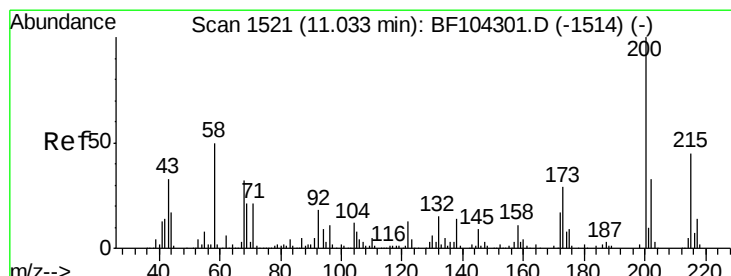
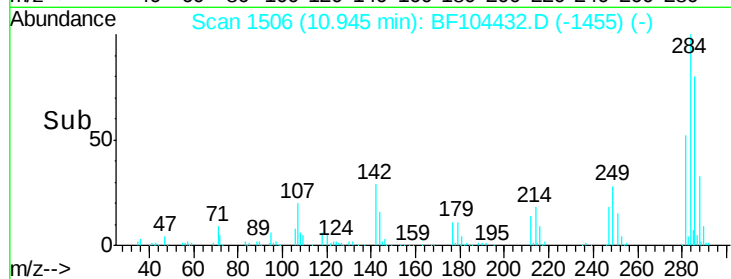
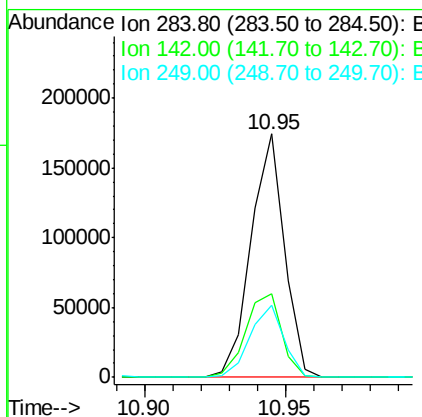
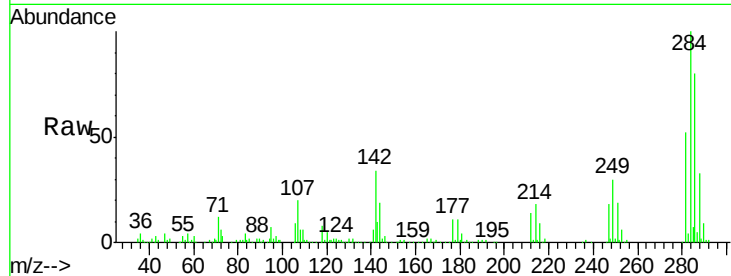
#67
Hexachlorobenzene
Concen: 34.117 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.3	34.6	52.0
249	29.6	24.8	37.2

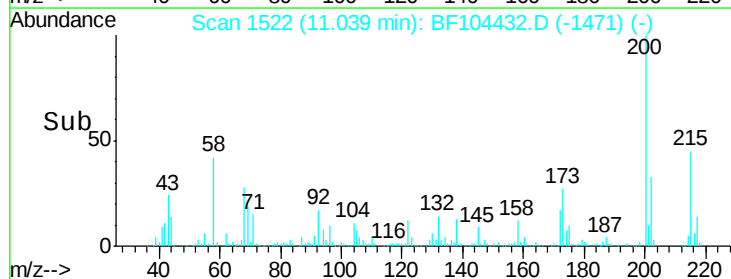
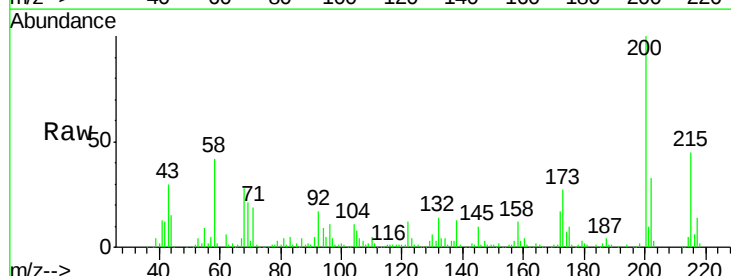
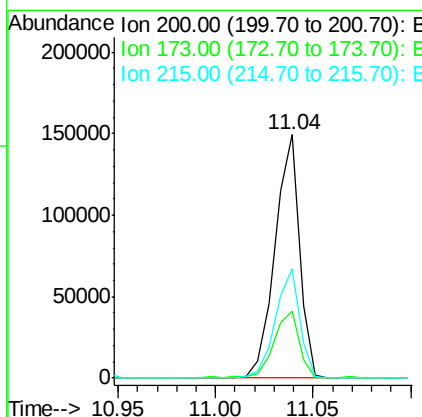
Manual Integrations
APPROVED

Sohil
4/12/2018 2:30:27 PM



#68
Atrazine
Concen: 35.522 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.3	8.6	48.6
215	45.1	25.1	65.1





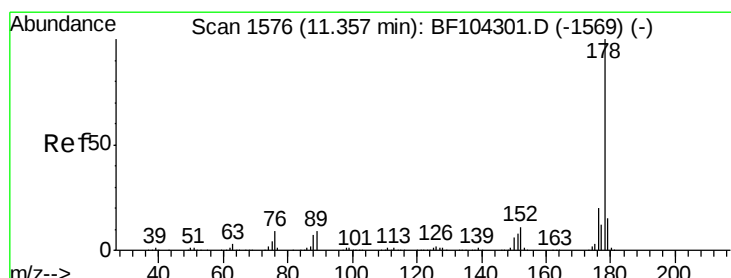
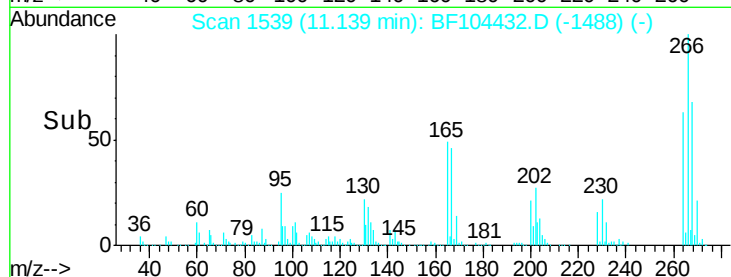
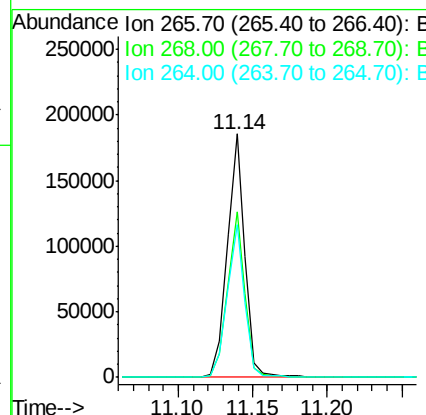
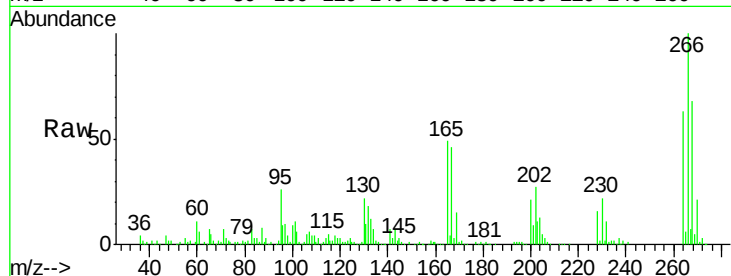
#69
 Pentachlorophenol
 Concen: 59.791 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	155112		
268	68.0	51.1	76.7	
264	62.6	49.5	74.3	

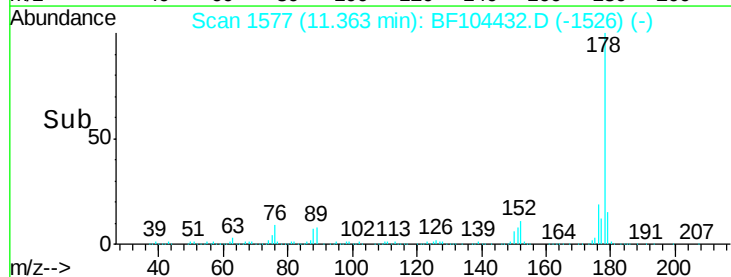
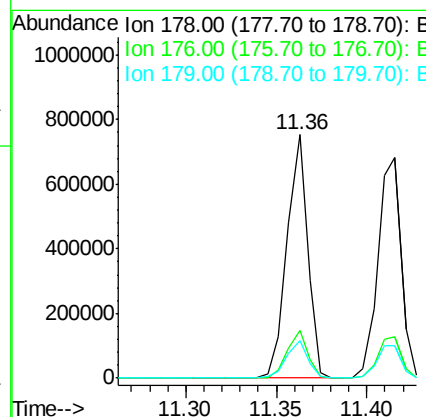
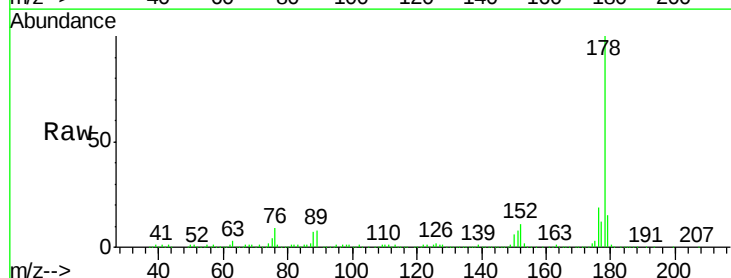
Manual Integrations
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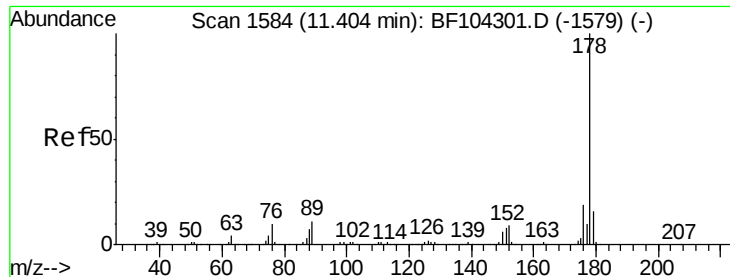
Sohil
 4/12/2018 2:30:27 PM



#70
 Phenanthrene
 Concen: 30.840 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	601734		
176	19.4	15.8	23.8	
179	15.2	13.0	19.6	





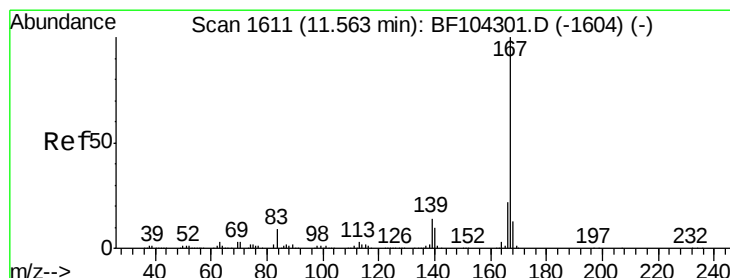
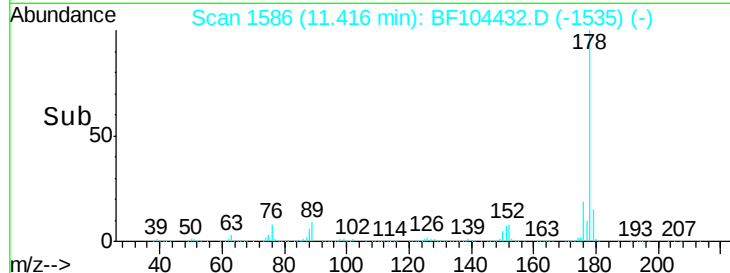
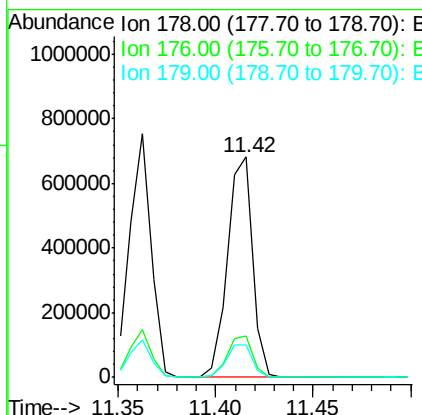
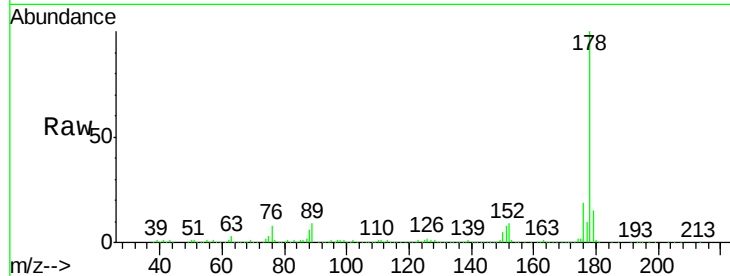
#71
 Anthracene
 Concen: 30.499 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	14.8	12.6	19.0

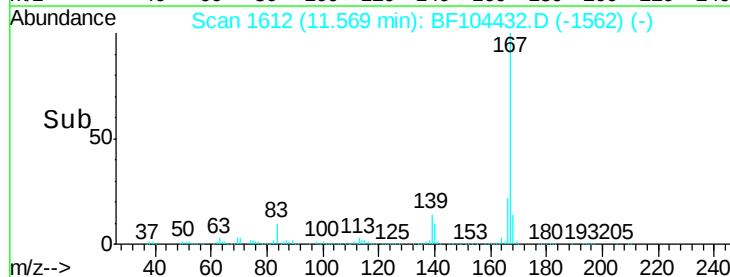
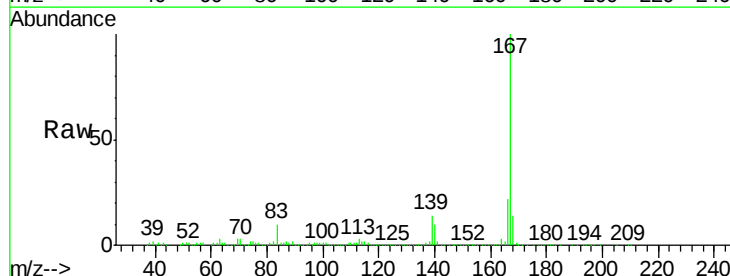
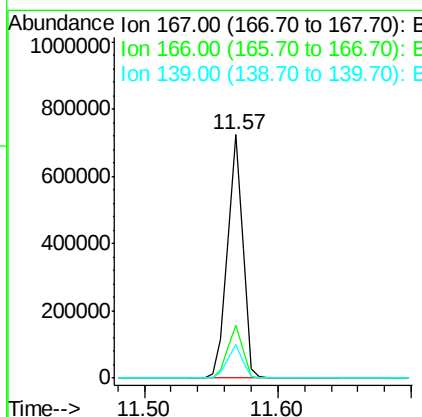
Manual Integrations
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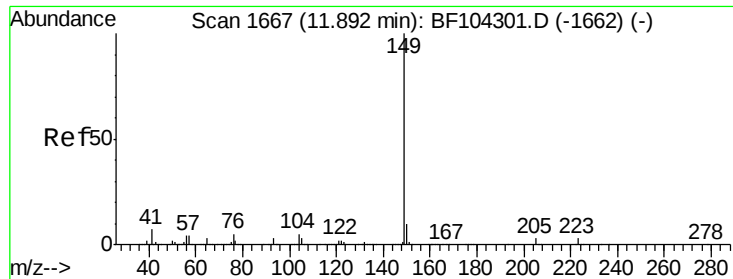
Sohil
 4/12/2018 2:30:27 PM



#72
 Carbazole
 Concen: 30.788 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.7	10.9	16.3





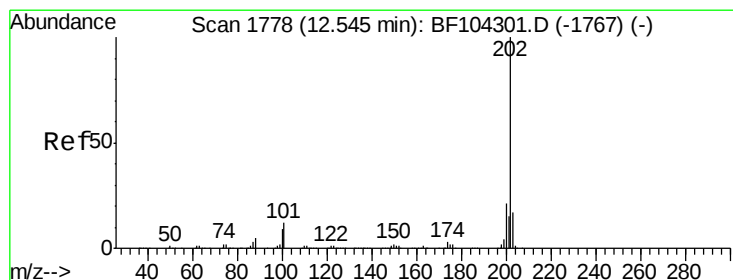
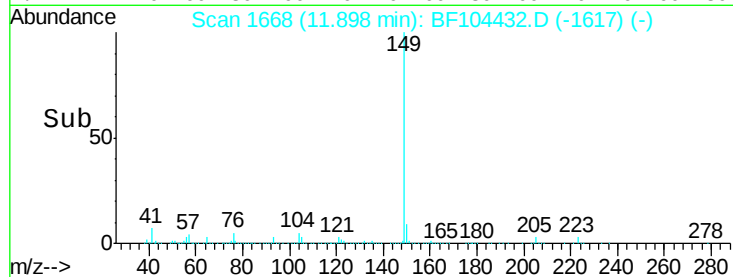
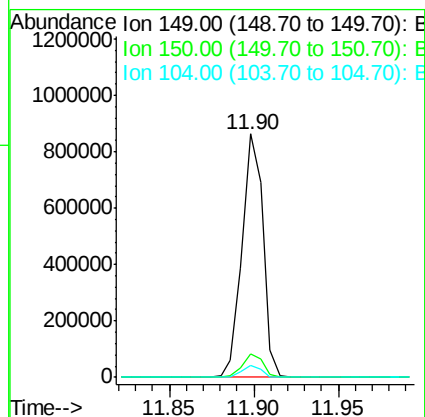
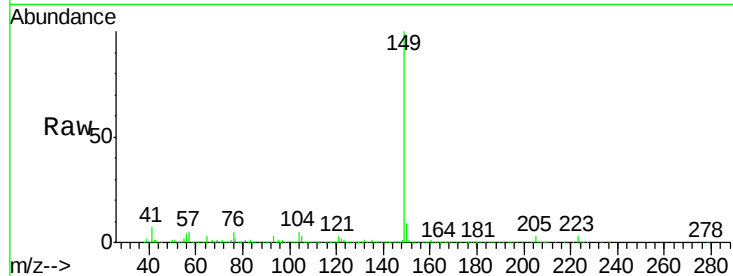
#73
Di-n-butylphthalate
Concen: 31.264 ng
RT: 11.90 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion:	149	Resp:	740169
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.8	3.8	5.8

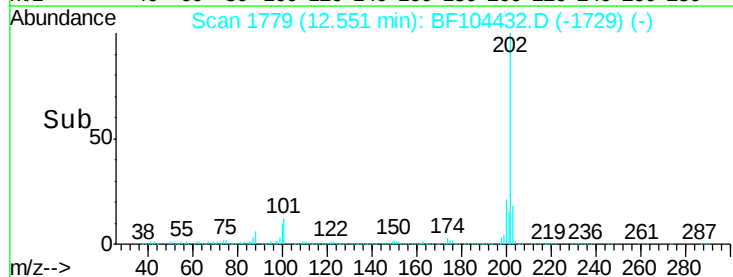
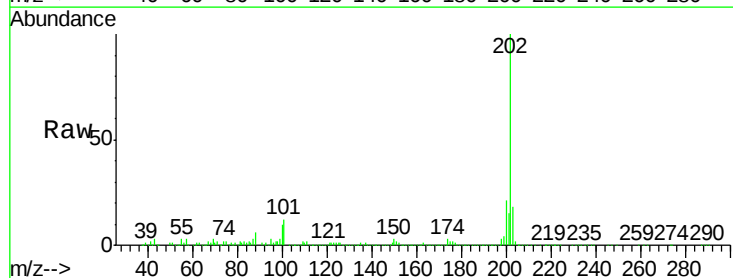
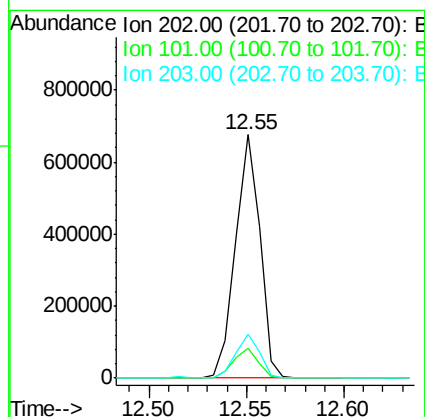
Manual Integrations
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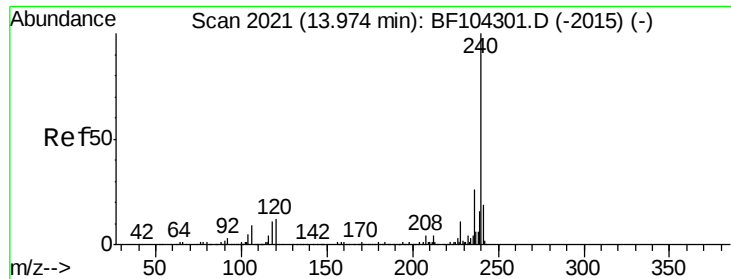
Sohil
4/12/2018 2:30:27 PM



#74
Fluoranthene
Concen: 28.708 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion:	202	Resp:	585244
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

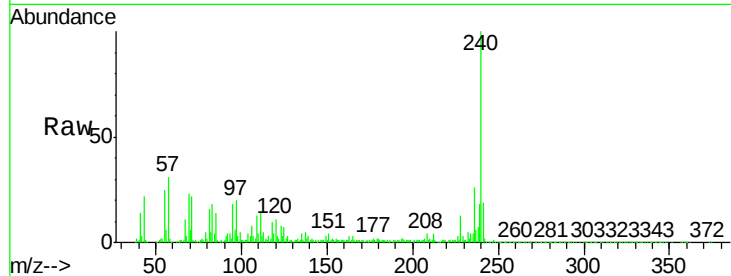
ClientSampleId :

P004-S003-0001-01MS

Tot Ion:	240	Resp:	265256
Ion Ratio		Lower	Upper
240	100		
120	11.4	9.5	14.3
236	25.9	20.7	31.1

Manual Integrations
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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

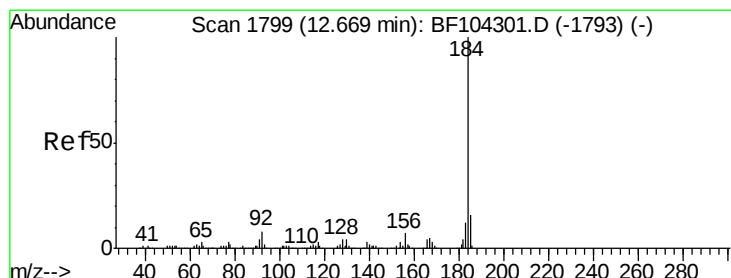
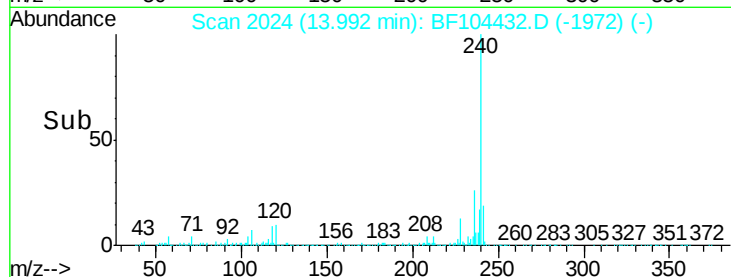
300000

200000

100000

0

Time--> 13.90 14.00 14.10



#76

Benzidine

Concen: 5.321 ng

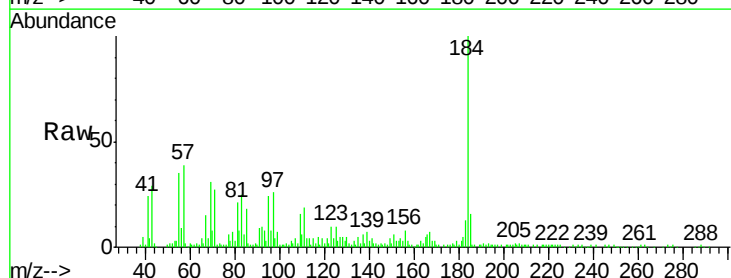
RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Tgt Ion:	184	Resp:	86562
Ion Ratio		Lower	Upper
184	100		
185	16.1	12.6	18.8
183	13.0	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

120000

100000

80000

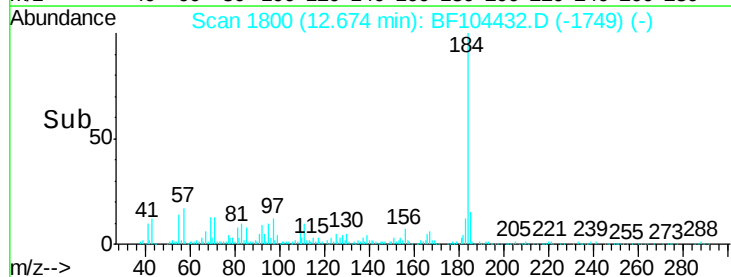
60000

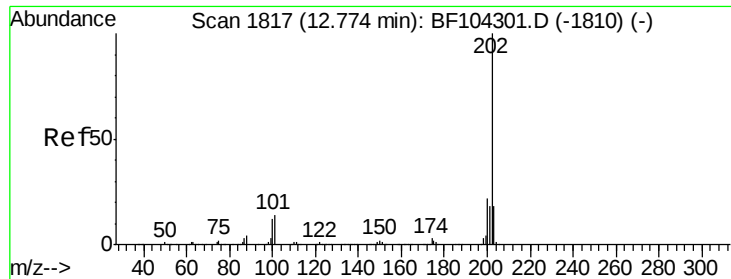
40000

20000

0

Time--> 12.60 12.70 12.80





#77

Pvrene

Concen: 30.637 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Instrument :

BNA_F

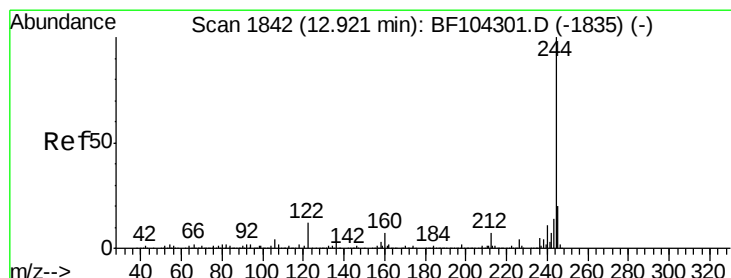
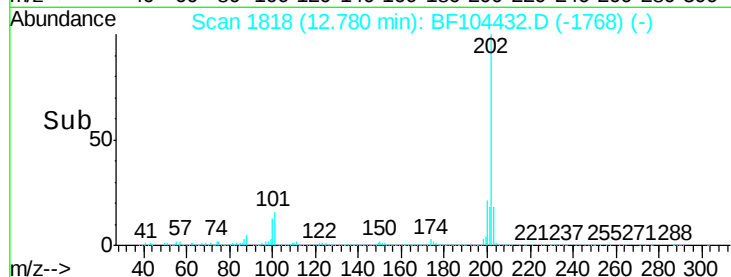
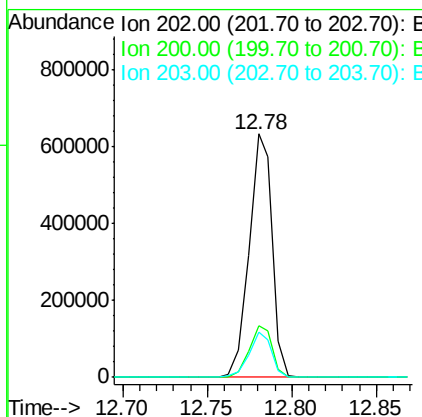
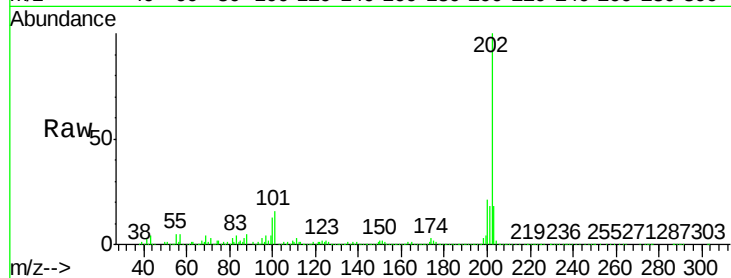
ClientSampleId :

P004-S003-0001-01MS

Tot Ion:	202	Resp:	602373
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.4	14.3	21.5

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#78

Terphenyl-d14

Concen: 73.892 ng

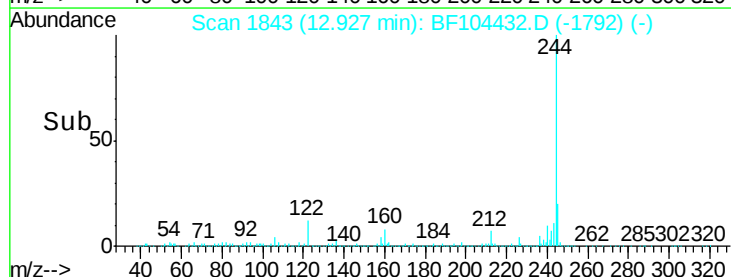
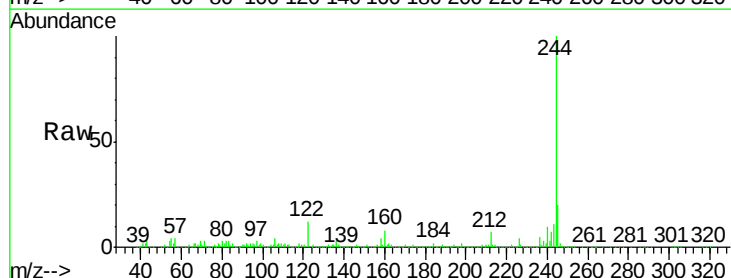
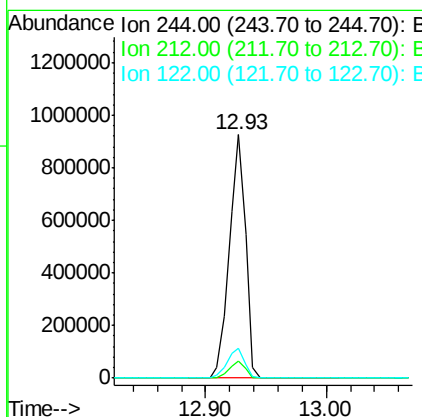
RT: 12.93 min Scan# 1843

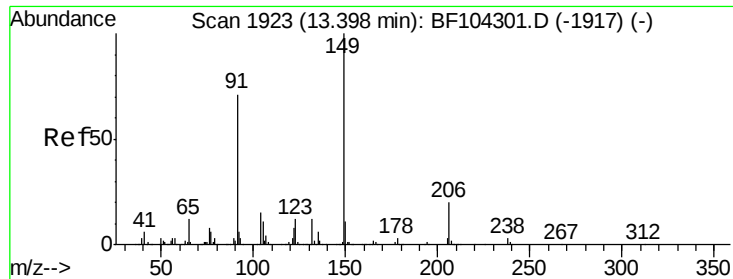
Delta R.T. 0.00 min

Lab File: BF104432.D

Acq: 11 Apr 2018 12:36

Tgt Ion:	244	Resp:	859732
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.3	11.0	16.4





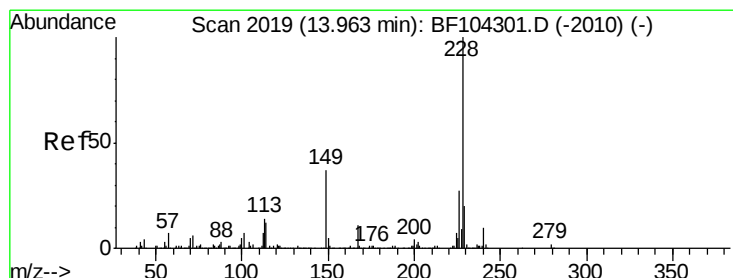
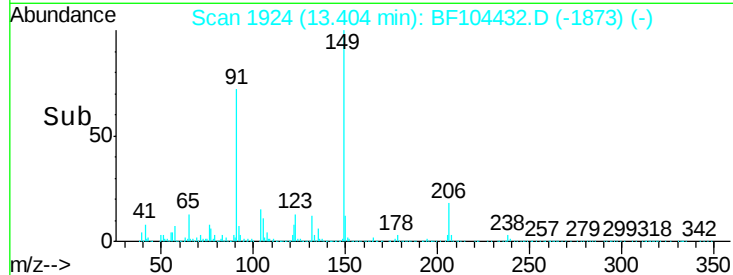
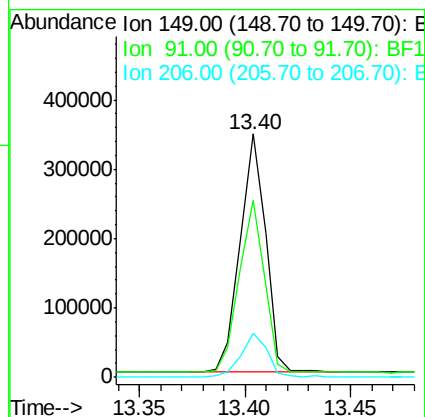
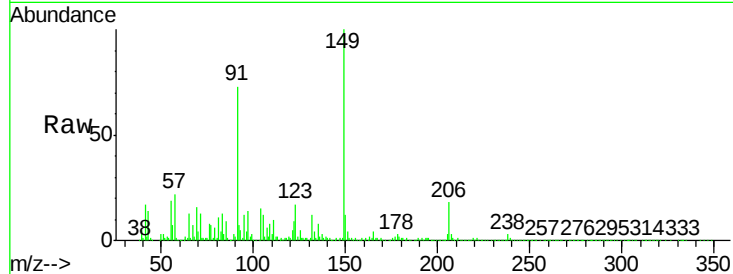
#79
Butylbenzylphthalate
Concen: 30.613 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	283569		
91	72.6	56.8	85.2	
206	17.9	14.1	21.1	

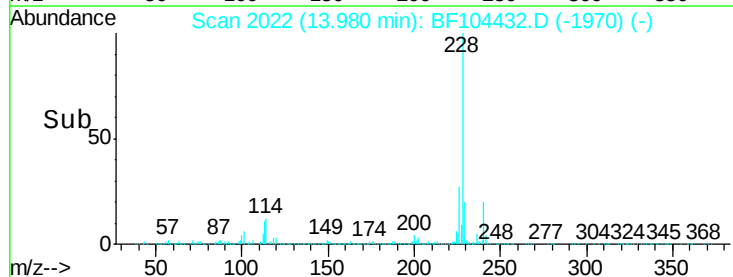
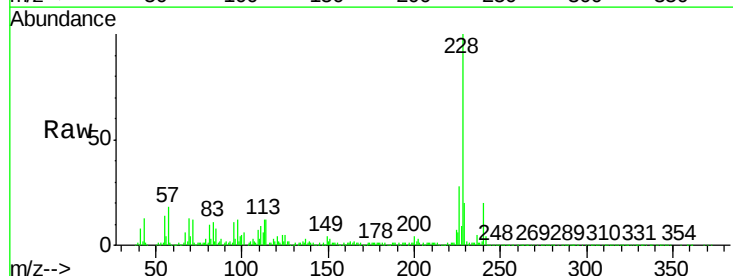
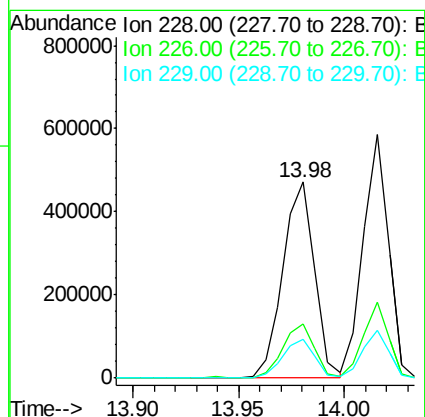
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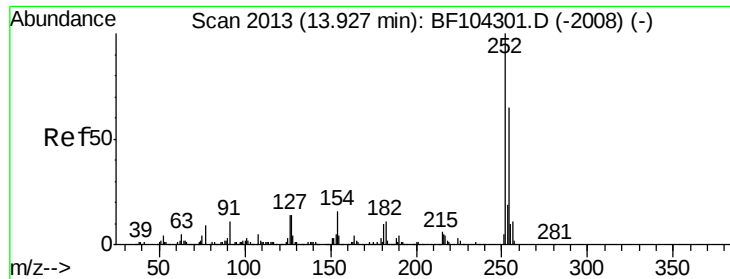
Sohil
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#80
Benzo(a)anthracene
Concen: 31.260 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	495364		
226	27.5	22.6	33.8	
229	19.8	15.8	23.6	





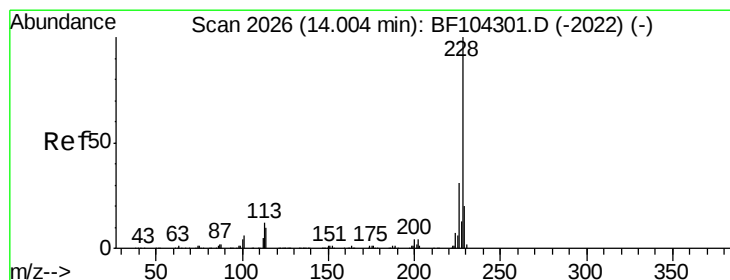
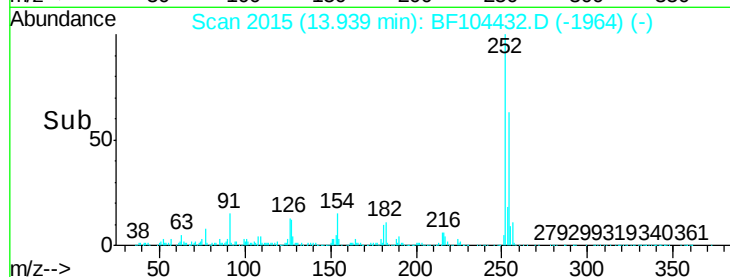
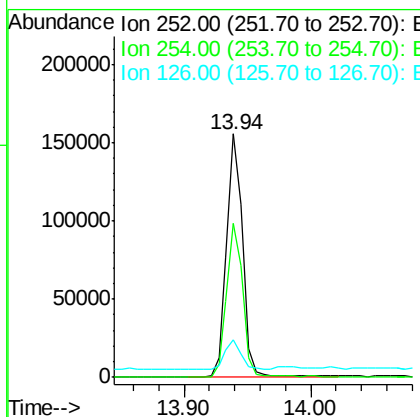
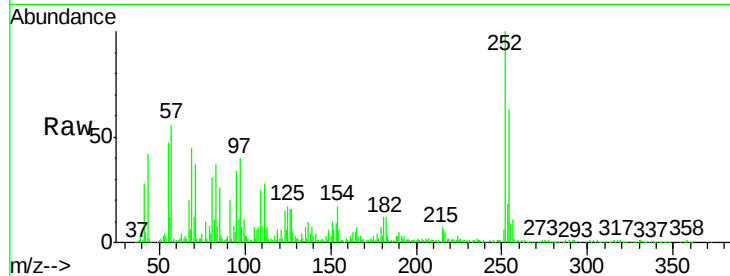
#81
 3,3'-Dichlorobenzidine
 Concen: 22.912 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.4	75.6
126	15.6	11.3	16.9

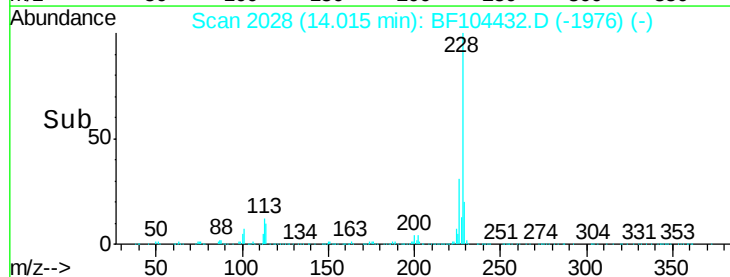
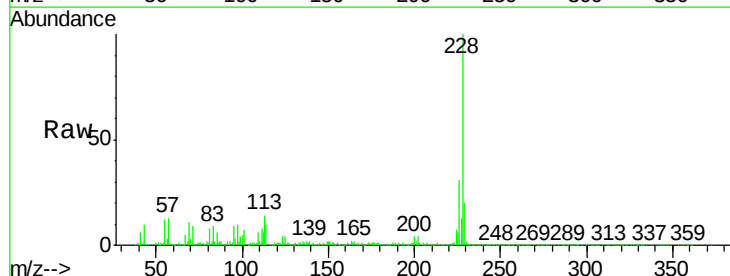
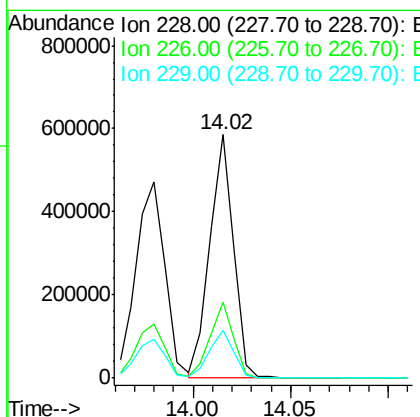
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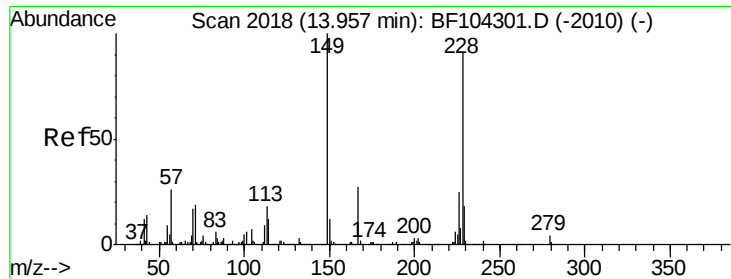
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#82
 Chrysene
 Concen: 30.220 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.7	16.2	24.4





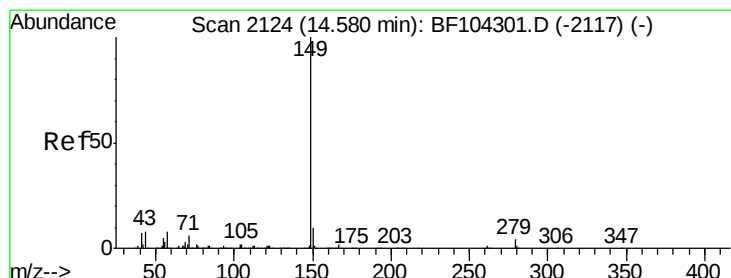
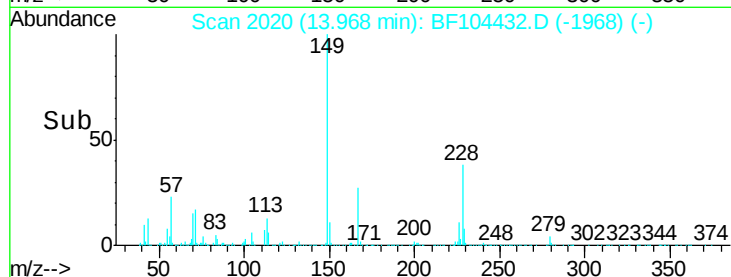
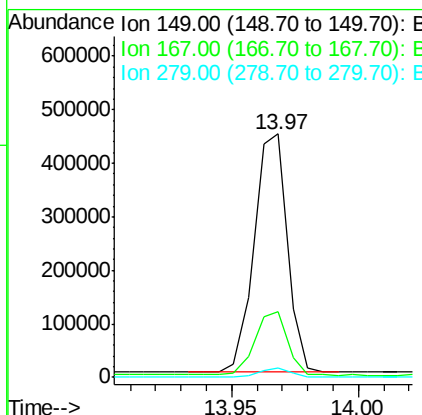
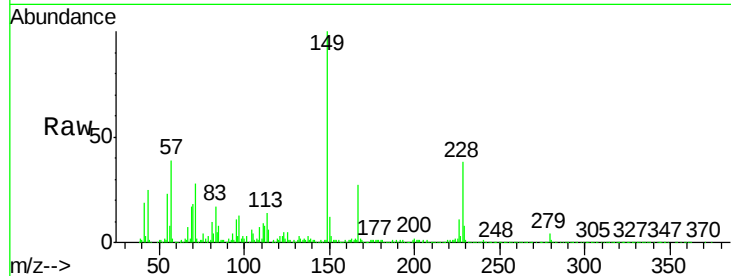
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.240 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.9	21.3	31.9	
279	3.9	3.0	4.4	

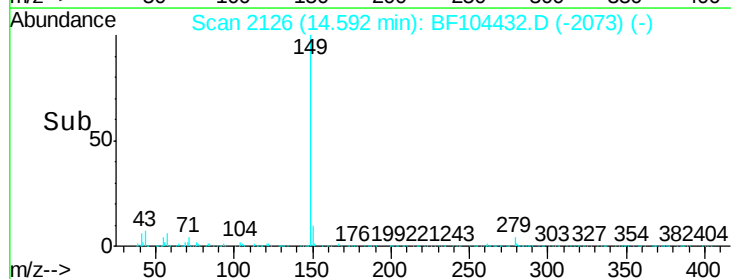
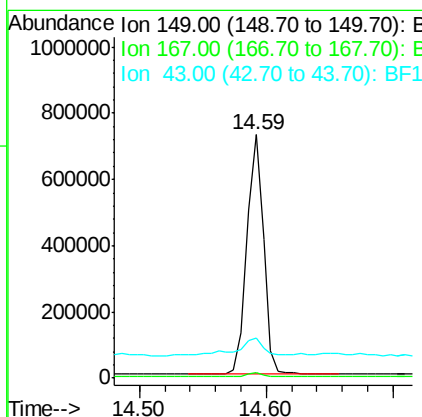
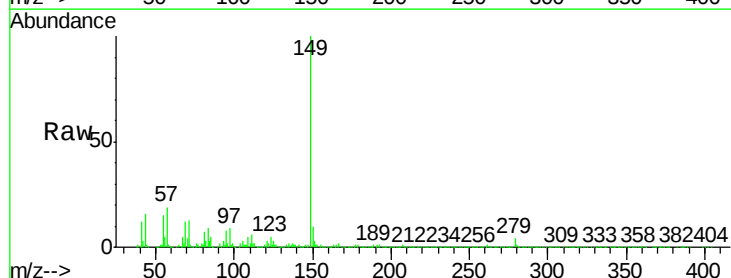
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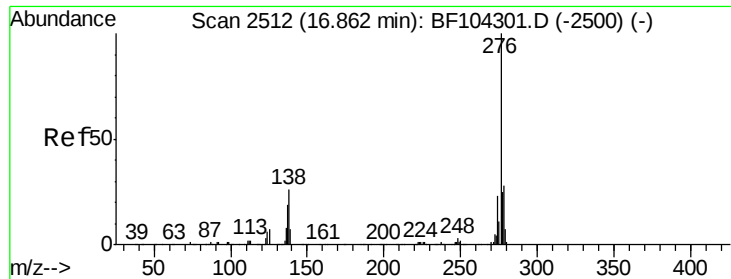
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 33.001 ng
 RT: 14.59 min Scan# 2126
 Delta R.T. 0.01 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	12.6	8.4	12.6#	





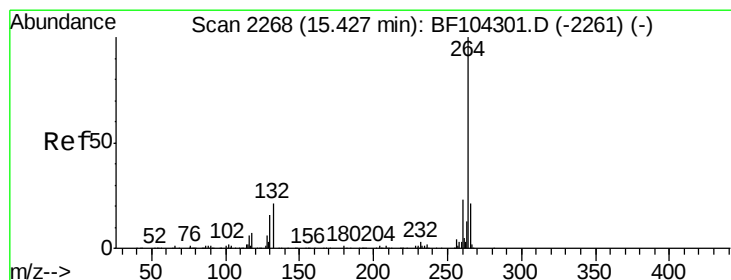
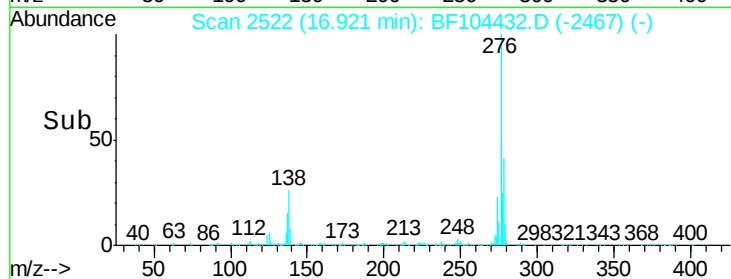
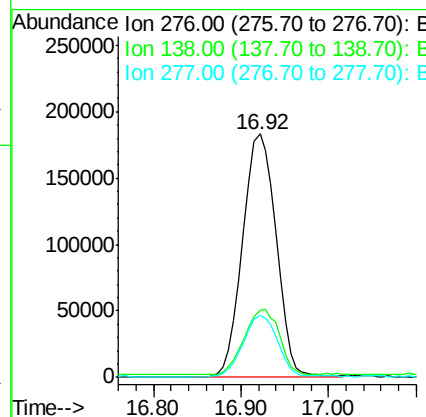
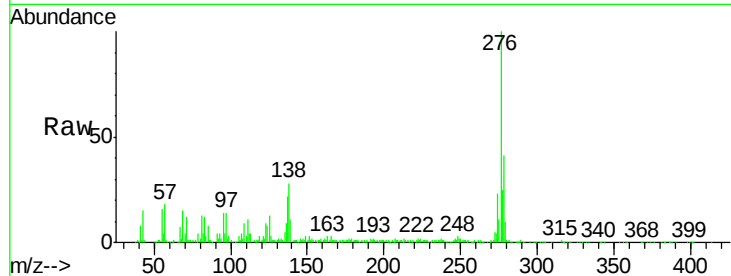
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.352 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. 0.02 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

Tot Ion:	276	Resp:	474984
Ion Ratio		Lower	Upper
276	100		
138	28.1	25.0	37.6
277	25.7	20.1	30.1

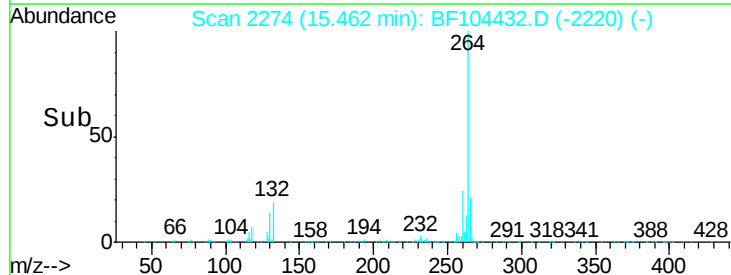
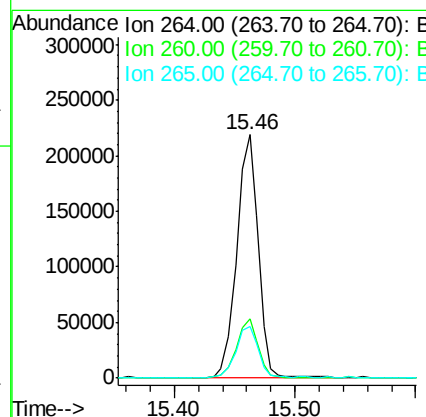
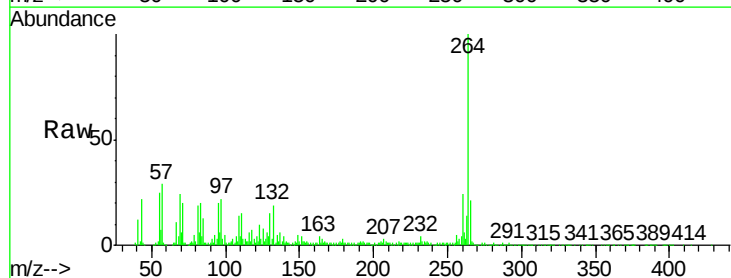
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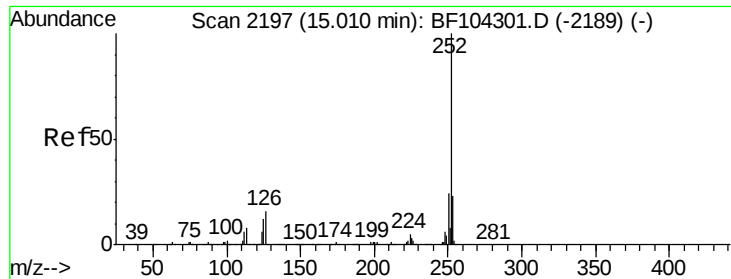
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.02 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Tgt Ion:	264	Resp:	268714
Ion Ratio		Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.1	17.5	26.3





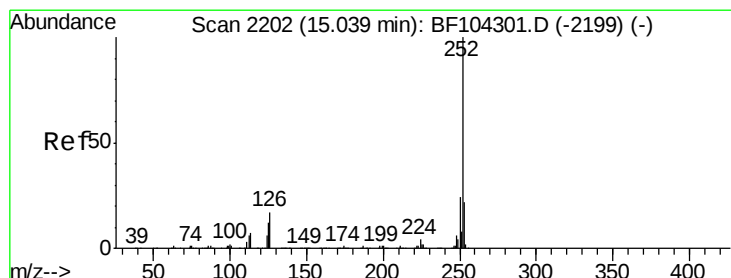
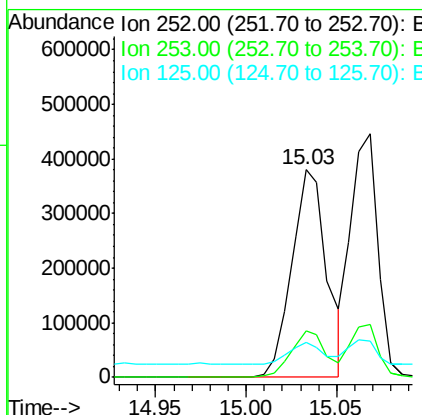
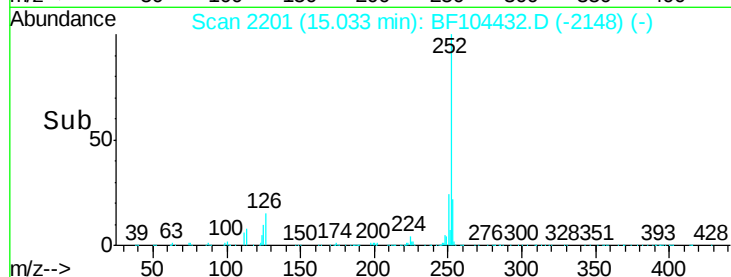
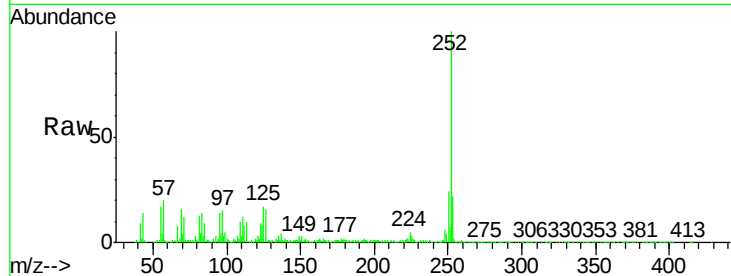
#87
Benzo(b)fluoranthene
Concen: 30.288 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	17.1	9.0	13.6

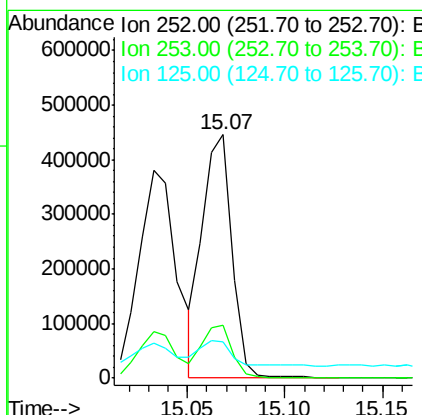
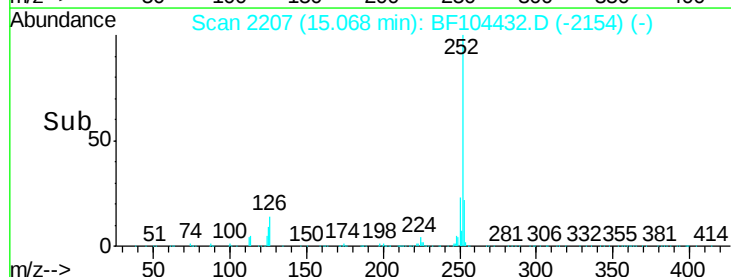
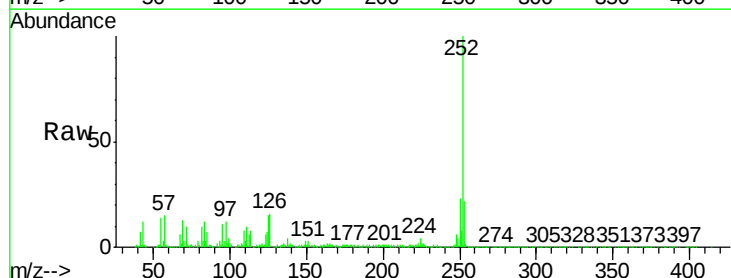
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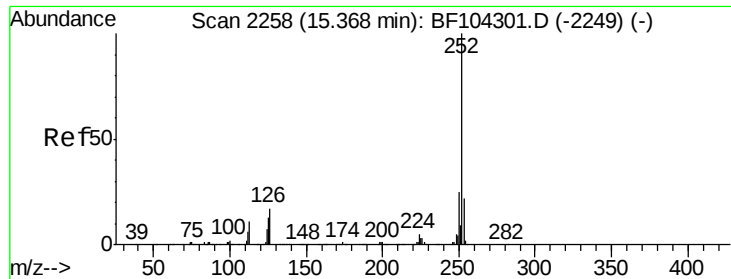
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#88
Benzo(k)fluoranthene
Concen: 29.024 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	14.8	10.2	15.2





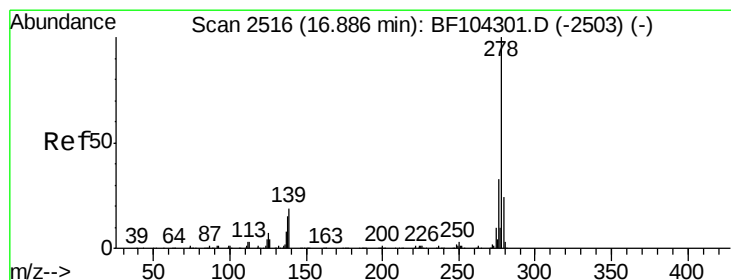
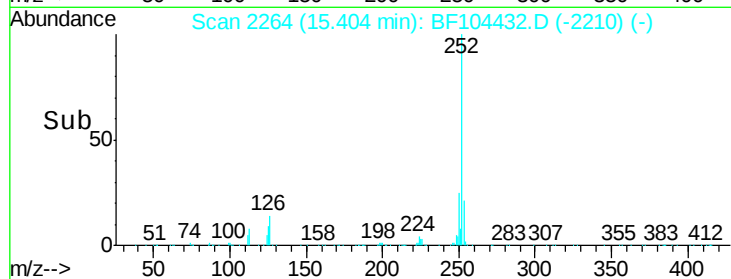
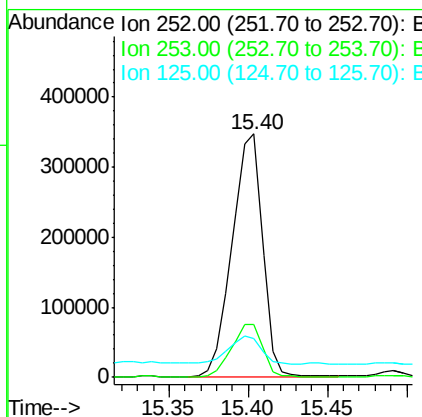
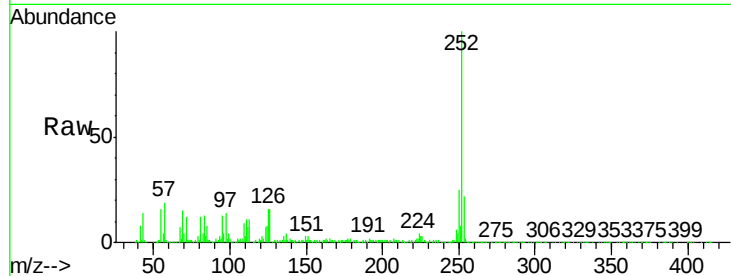
#89
Benzo(a)pyrene
Concen: 30.474 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	16.0	9.8	14.6

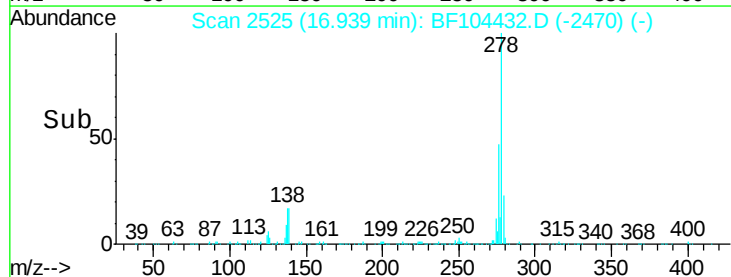
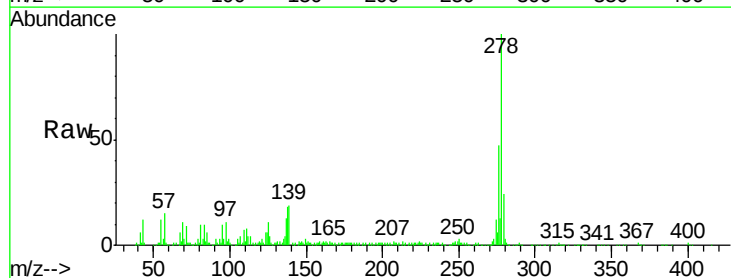
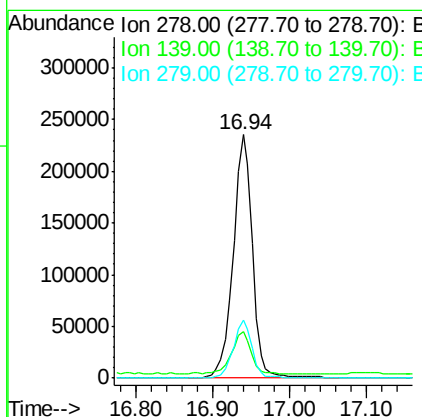
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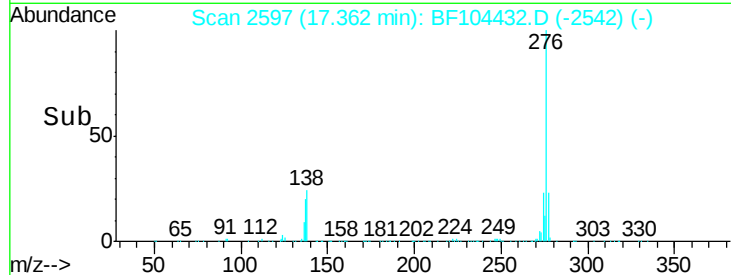
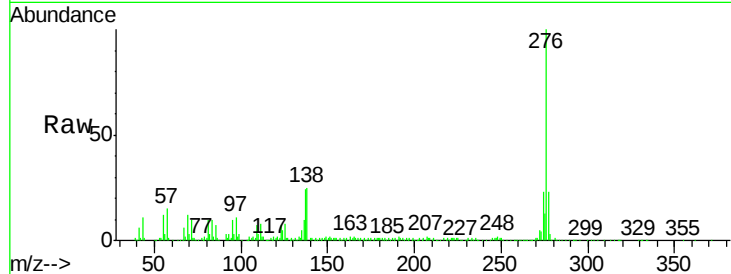
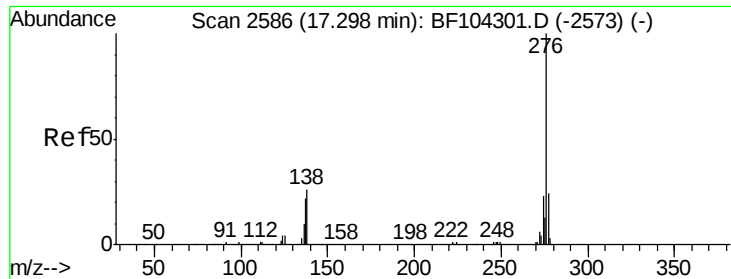
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#90
Dibenzo(a,h)anthracene
Concen: 32.552 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.02 min
Lab File: BF104432.D
Acq: 11 Apr 2018 12:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	15.9	23.9
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 32.051 ng
 RT: 17.36 min Scan# 2597
 Delta R.T. 0.02 min
 Lab File: BF104432.D
 Acq: 11 Apr 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	24.7	21.8	32.8

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