

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104144.D
 Acq On : 2 Apr 2018 19:11
 Operator : JU/SJ
 Sample : J2099-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MSD

Manual Integrations
 APPROVED

Sohil
 4/3/2018 2:27:22 PM

Quant Time: Apr 03 01:37:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	117236	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	488825	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	229034	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	382463	20.00	ng	0.00
75) Chrysene-d12	14.15	240	238662	20.00	ng	0.00
86) Perylene-d12	15.69	264	258080	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	734884	99.97	ng	0.01
7) Phenol-d6	6.60	99	910060	100.62	ng	0.00
23) Nitrobenzene-d5	7.53	82	566923	70.93	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	245618	96.31	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1089318	75.00	ng	0.00
78) Terphenyl-d14	13.08	244	848916	82.13	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.85	88	87169	27.493	ng	# 87
3) Pyridine	3.65	79	200344	24.960	ng	# 84
4) n-Nitrosodimethylamine	3.61	42	51157	21.442	ng	# 87
6) Aniline	6.63	93	175598	16.218	ng	# 66
8) 2-Chlorophenol	6.75	128	298977	37.075	ng	# 96
9) Benzaldehyde	6.52	77	82528	14.341	ng	# 98
10) Phenol	6.62	94	359710	35.895	ng	# 97
11) bis(2-Chloroethyl)ether	6.69	93	233150	26.999	ng	# 93
12) 1,3-Dichlorobenzene	6.90	146	293749	32.406	ng	# 99
13) 1,4-Dichlorobenzene	6.97	146	330439	34.021	ng	# 100
14) 1,2-Dichlorobenzene	7.13	146	295706	33.872	ng	# 100
15) Benzyl Alcohol	7.10	79	205472	34.941	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	317678	33.767	ng	# 54
17) 2-Methylphenol	7.22	107	224317	34.177	ng	# 87
18) Hexachloroethane	7.46	117	104481	32.128	ng	# 98
19) n-Nitroso-di-n-propylamine	7.37	70	190294	35.453	ng	# 91
20) 3+4-Methylphenols	7.37	107	284378	33.950	ng	# 57
22) Acetophenone	7.37	105	407953	34.493	ng	# 96
24) Nitrobenzene	7.55	77	270307	32.141	ng	# 99
25) Isophorone	7.77	82	528228	35.859	ng	# 99
26) 2-Nitrophenol	7.86	139	156589	35.669	ng	# 91
27) 2,4-Dimethylphenol	7.89	122	269529	42.571	ng	# 99
28) bis(2-Chloroethoxy)methane	7.98	93	337486	36.555	ng	# 98
29) 2,4-Dichlorophenol	8.10	162	241183	36.471	ng	# 98
30) 1,2,4-Trichlorobenzene	8.18	180	256519	34.188	ng	# 99
31) Naphthalene	8.26	128	863236	36.148	ng	# 100
32) Benzoic acid	8.00	122	18917m	4.079	ng	# 97
33) 4-Chloroaniline	8.33	127	109912	10.917	ng	# 99
34) Hexachlorobutadiene	8.37	225	136334	33.390	ng	# 99
35) Caprolactam	8.69	113	70903m	33.814	ng	# 97
36) 4-Chloro-3-methylphenol	8.80	107	258707	36.986	ng	# 99
37) 2-Methylnaphthalene	8.96	142	552901	35.149	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	249931	35.585	ng	# 98
40) Hexachlorocyclopentadiene	9.10	237	34629	15.156	ng	# 95

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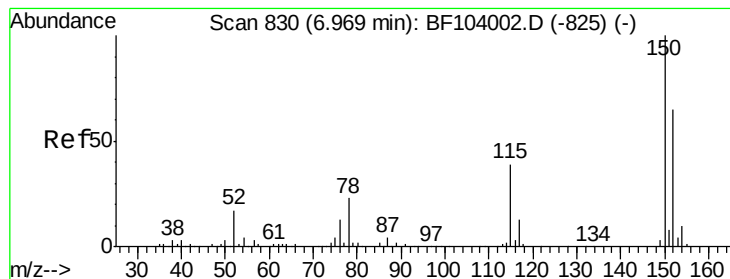
Manual Integrations
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 4/3/2018 2:27:22 PM

Quant Time: Apr 03 01:37:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	151668	34.103	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	178091	33.165	nq	96
45) 1,1'-Biphenyl	9.42	154	687029	34.950	nq	99
46) 2-Chloronaphthalene	9.45	162	527180	33.999	nq	98
47) 2-Nitroaniline	9.55	65	149232	33.752	nq	97
48) Acenaphthylene	9.86	152	775617	33.018	nq	100
49) Dimethylphthalate	9.72	163	709934	39.260	nq	100
50) 2,6-Dinitrotoluene	9.79	165	132319	34.012	nq	98
51) Acenaphthene	10.03	154	436171	32.097	nq	100
52) 3-Nitroaniline	9.97	138	87826	19.638	nq	99
53) 2,4-Dinitrophenol	10.08	184	23413	18.397	nq #	53
54) Dibenzofuran	10.21	168	679687	34.251	nq	97
55) 4-Nitrophenol	10.14	139	146596	54.669	nq	96
56) 2,4-Dinitrotoluene	10.20	165	165875	33.414	nq	96
57) Fluorene	10.55	166	548848	33.529	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	150324	37.365	nq #	83
59) Diethylphthalate	10.42	149	585839	33.818	nq	97
60) 4-Chlorophenyl-phenylether	10.54	204	263937	35.106	nq	96
61) 4-Nitroaniline	10.59	138	107153	25.607	nq	94
62) Azobenzene	10.70	77	524802	33.503	nq	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	41897	18.097	nq	86
65) n-Nitrosodiphenylamine	10.66	169	489357	37.780	nq	100
66) 4-Bromophenyl-phenylether	11.03	248	150080	36.678	nq #	90
67) Hexachlorobenzene	11.10	284	161350	34.280	nq	96
68) Atrazine	11.19	200	148999	37.549	nq	98
69) Pentachlorophenol	11.30	266	141546	54.650	nq	98
70) Phenanthrene	11.52	178	690962	33.369	nq	98
71) Anthracene	11.57	178	780372	36.080	nq	99
72) Carbazole	11.73	167	669279	32.421	nq	99
73) Di-n-butylphthalate	12.04	149	876436	35.643	nq	99
74) Fluoranthene	12.72	202	625561	28.421	nq	97
76) Benzidine	12.84	184	306373	45.046	nq	98
77) Pyrene	12.94	202	601696	35.071	nq	98
79) Butylbenzylphthalate	13.54	149	295925	36.612	nq	96
80) Benzo(a)anthracene	14.14	228	499792	33.468	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	166230	33.629	nq	97
82) Chrysene	14.18	228	517314	35.368	nq	100
83) Bis(2-ethylhexyl)phthalate	14.10	149	385365	36.900	nq	99
84) Di-n-octyl phthalate	14.72	149	617711	34.385	nq #	94
85) Indeno(1,2,3-cd)pyrene	17.29	276	509971	33.646	nq	96
87) Benzo(b)fluoranthene	15.23	252	507797	32.330	nq	99
88) Benzo(k)fluoranthene	15.27	252	548164	37.049	nq	97
89) Benzo(a)pyrene	15.63	252	511915	35.171	nq	99
90) Dibenzo(a,h)anthracene	17.29	278	438624	32.594	nq	97
91) Benzo(g,h,i)perylene	17.76	276	390220	28.950	nq	95

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



#1

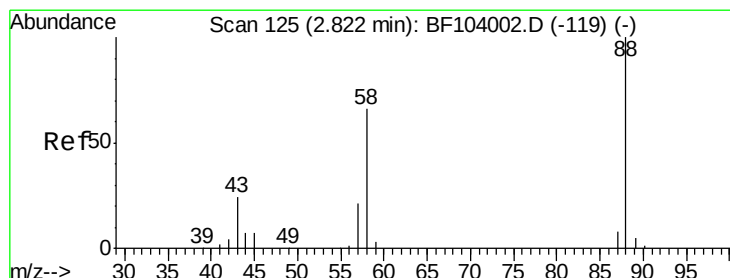
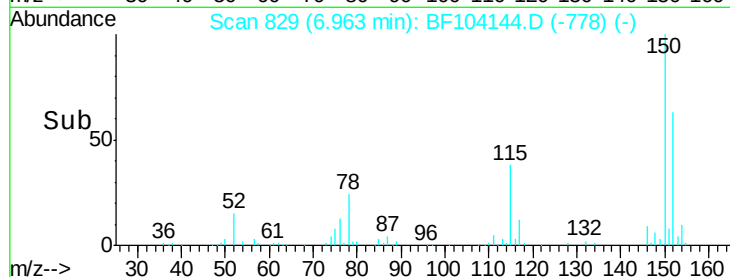
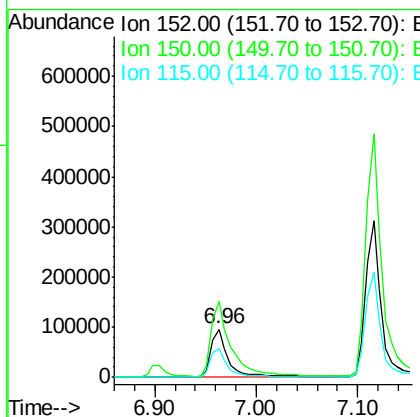
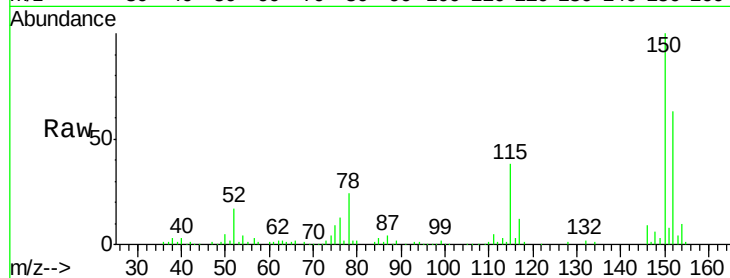
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	60.7	50.1	75.1

Manual Integrations
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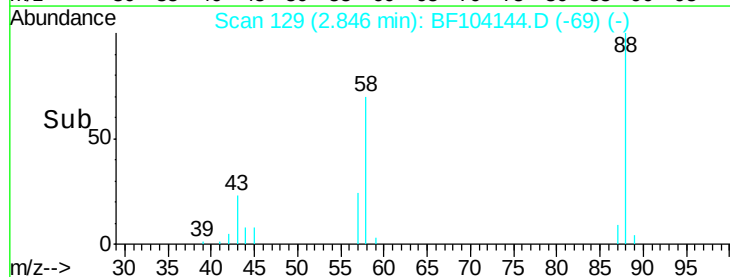
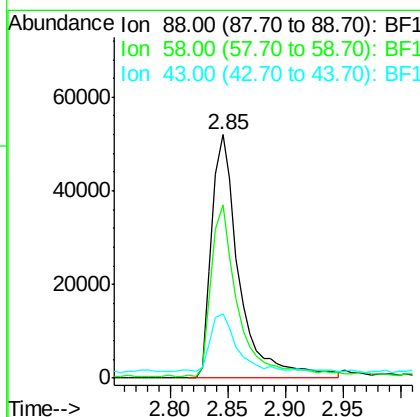
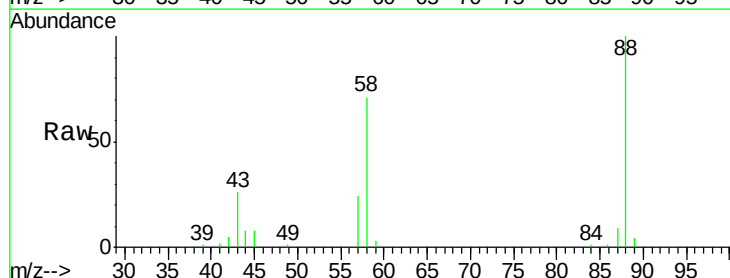
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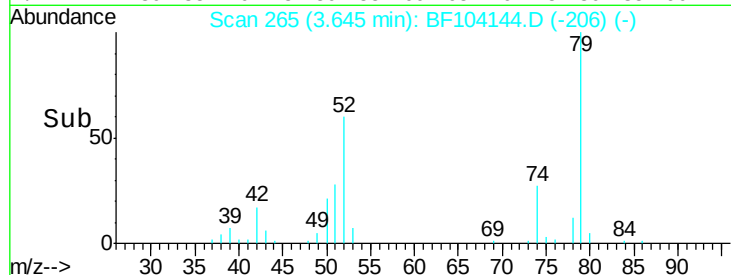
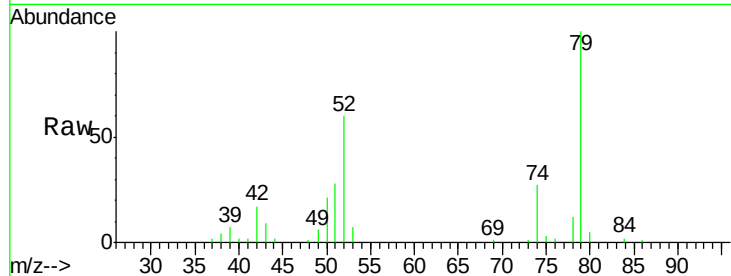
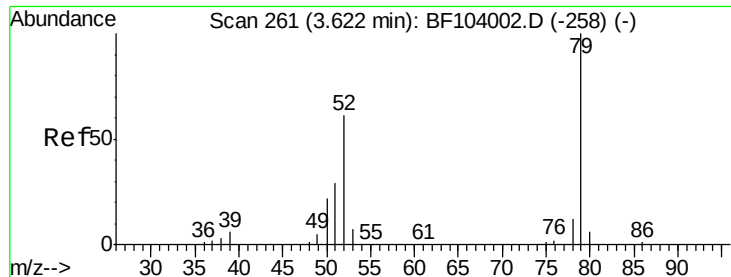


#2

1,4-Dioxane
Concen: 27.493 ng
RT: 2.85 min Scan# 129
Delta R.T. 0.05 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.4	62.6	93.8
43	23.0	24.6	37.0





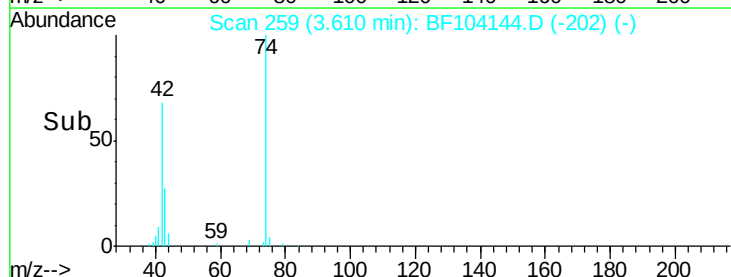
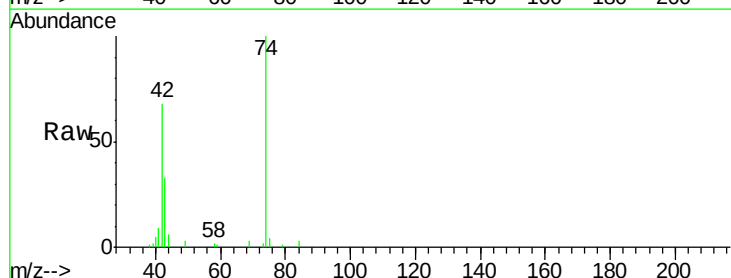
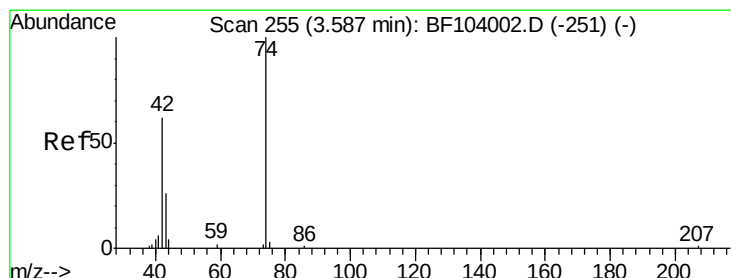
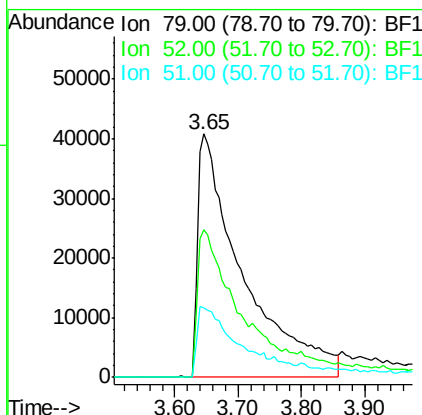
#3
 Pvridine
 Concen: 24.960 ng
 RT: 3.65 min Scan# 265
 Delta R.T. 0.05 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.5	59.8	89.6
51	28.4	29.8	44.8#

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MSD

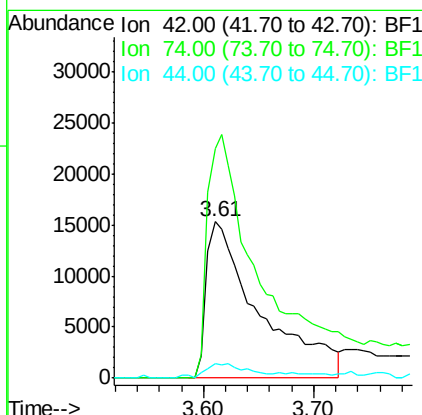
Manual Integrations
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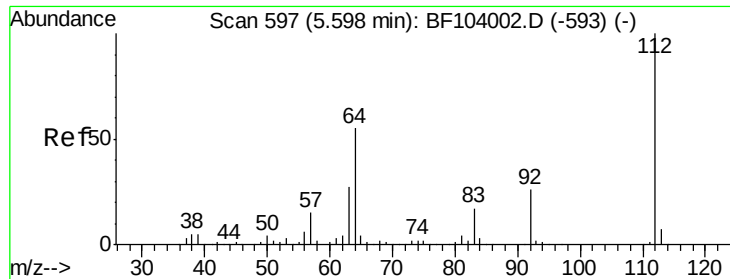
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#4
 n-Nitrosodimethylamine
 Concen: 21.442 ng
 RT: 3.61 min Scan# 259
 Delta R.T. 0.04 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.8	104.9	157.3
44	8.9	6.9	10.3





#5

2-Fluorophenol

Concen: 99.965 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

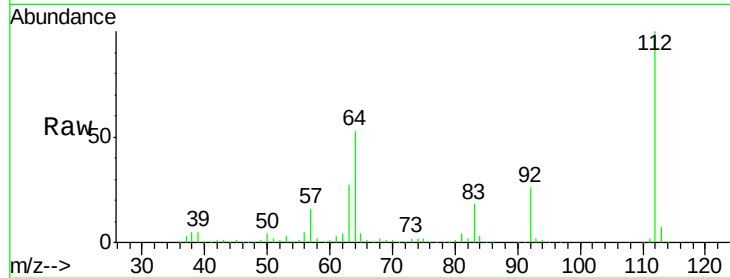
ClientSampleId :

SB-102(11-12)MSD

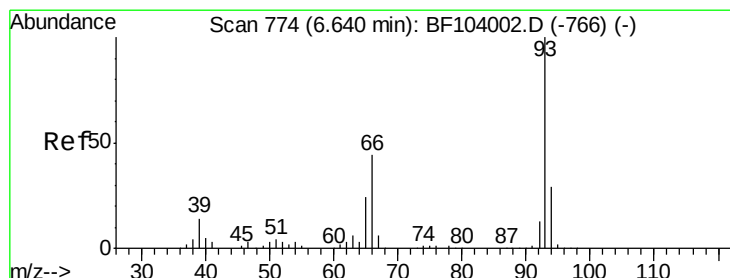
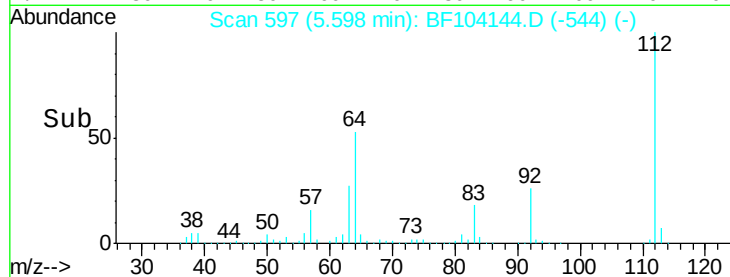
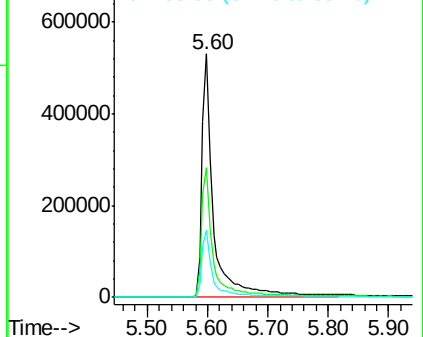
Tot Ion:	112	Resp:	734884
Ion Ratio	Lower	Upper	
112	100		
64	53.4	47.9	71.9
63	27.4	23.7	35.5

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.218 ng

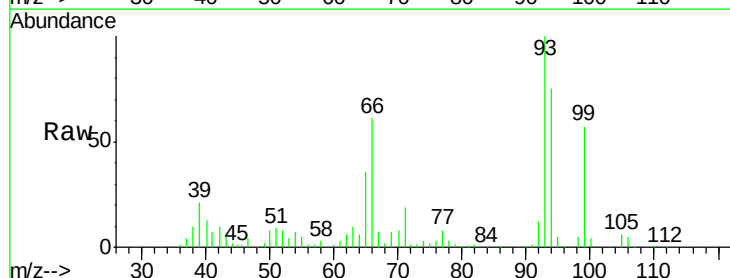
RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

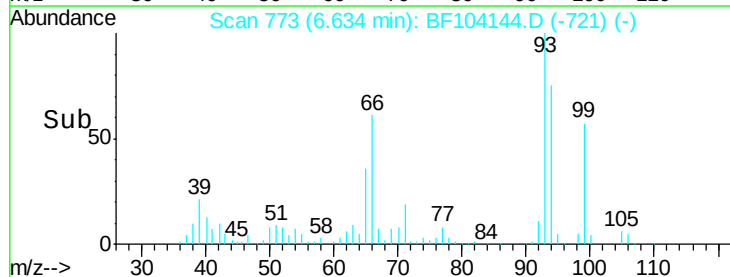
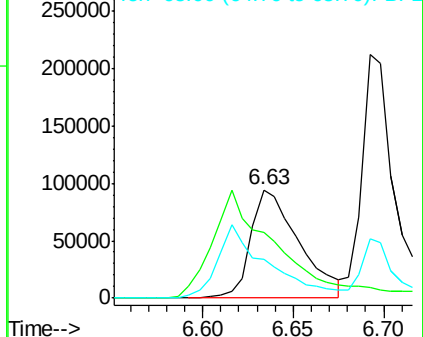
Lab File: BF104144.D

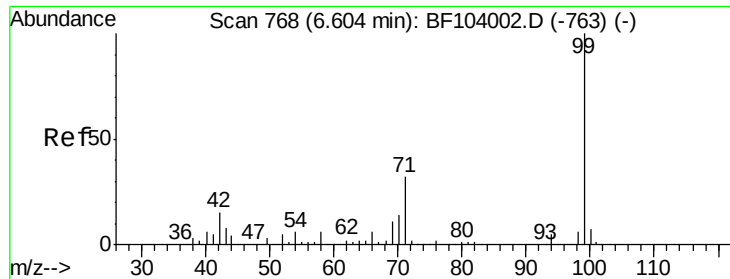
Acq: 2 Apr 2018 19:11

Tgt Ion:	93	Resp:	175598
Ion Ratio	Lower	Upper	
93	100		
66	61.2	32.2	48.2#
65	36.1	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.621 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

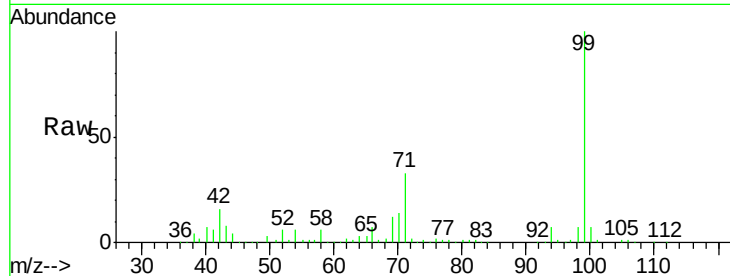
ClientSampleId :

SB-102(11-12)MSD

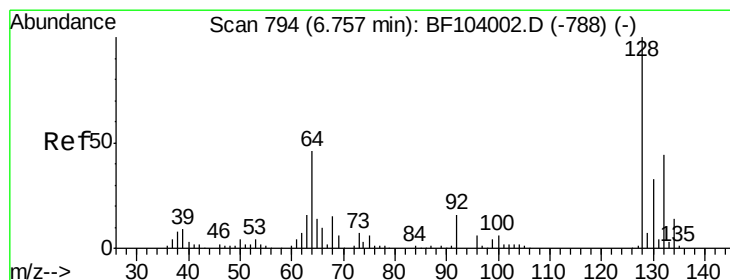
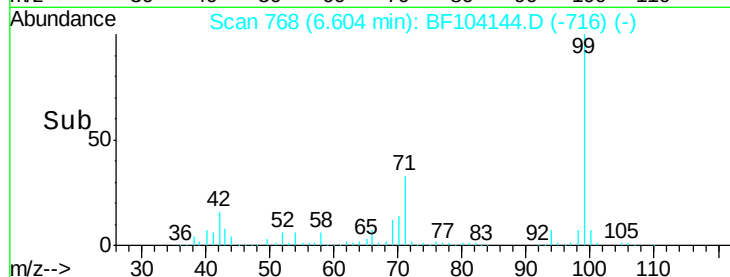
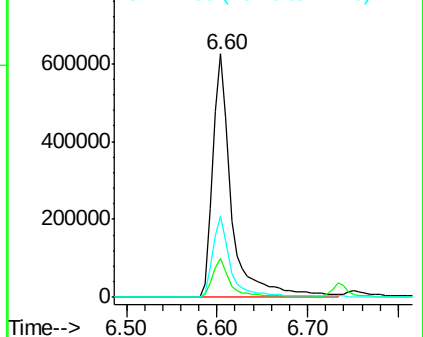
Tot Ion:	99	Resp:	910060
Ion Ratio	Lower	Upper	
99	100		
42	15.8	14.5	21.7
71	33.0	25.4	38.0

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



#8

2-Chlorophenol

Concen: 37.075 ng

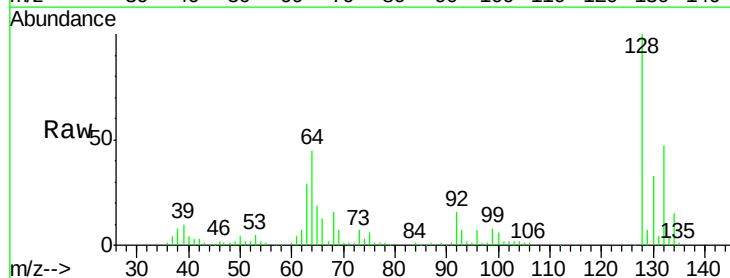
RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

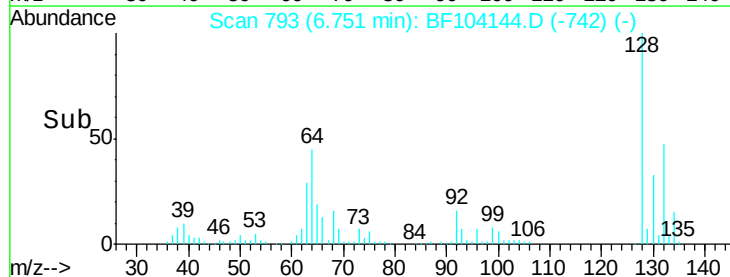
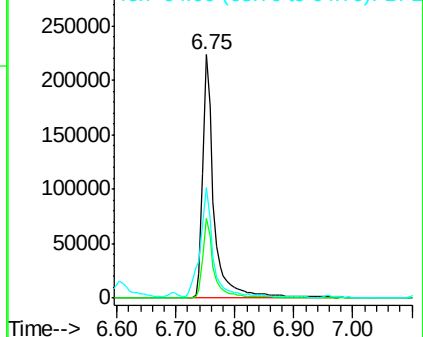
Lab File: BF104144.D

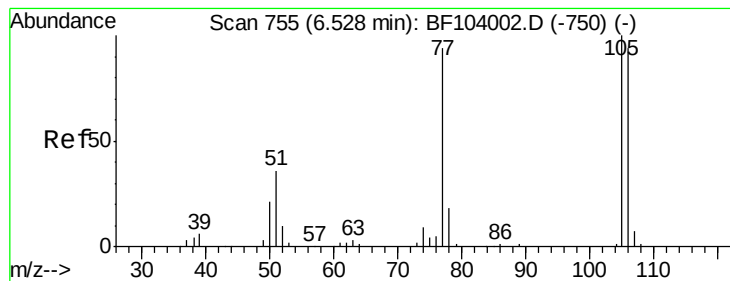
Acq: 2 Apr 2018 19:11

Tgt Ion:	128	Resp:	298977
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.0	53.0
64	45.2	29.4	69.4



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





#9

Benzaldehyde

Concen: 14.341 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)MSD

Tot Ion: 77 Resp: 82528

Ion Ratio Lower Upper

77 100

105 102.3 81.1 121.1

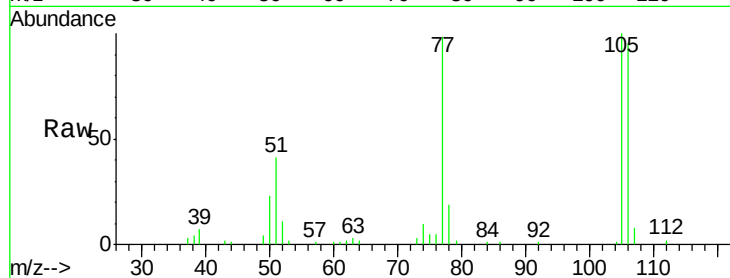
106 96.8 74.5 114.5

Manual Integrations

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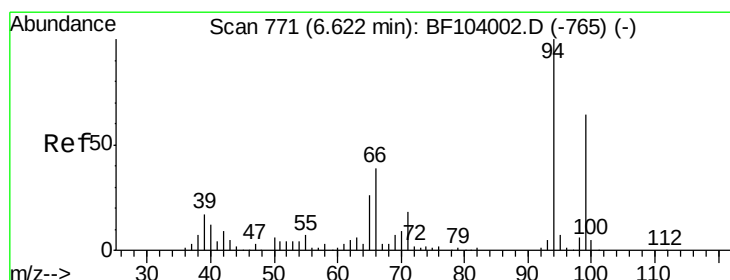
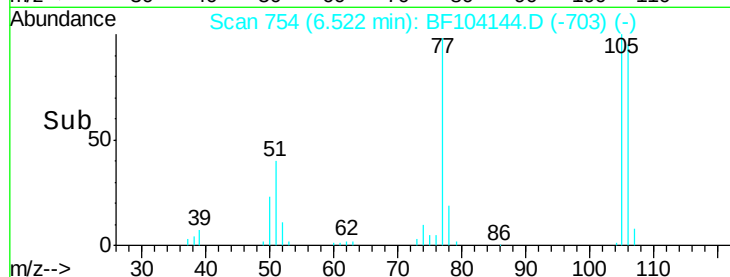
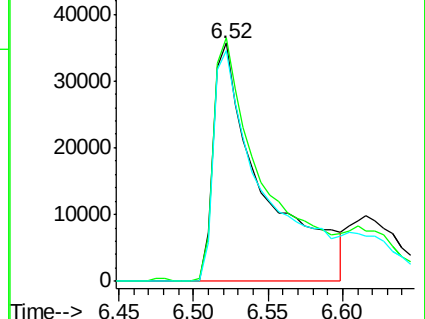
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.895 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

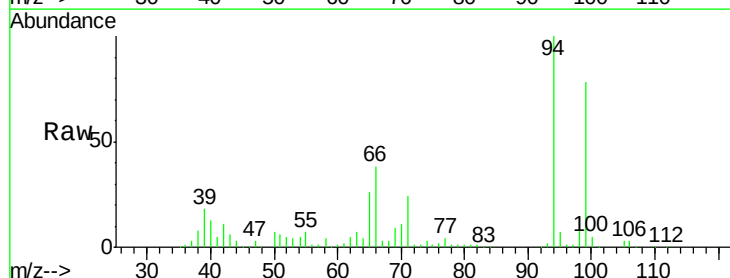
Tgt Ion: 94 Resp: 359710

Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

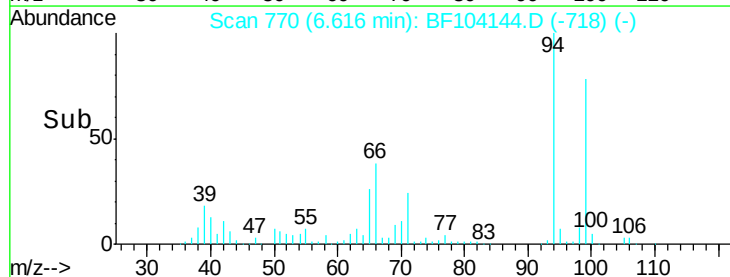
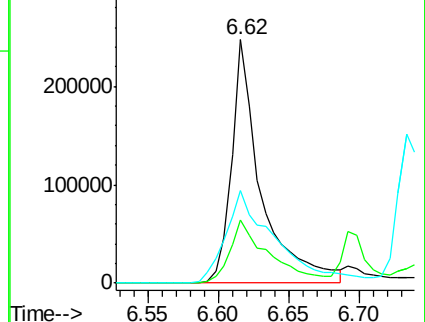
66 37.9 16.2 56.2

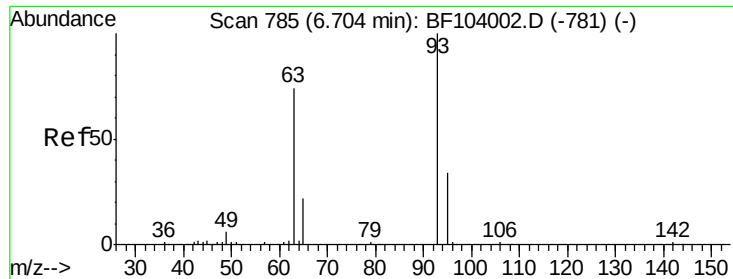


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





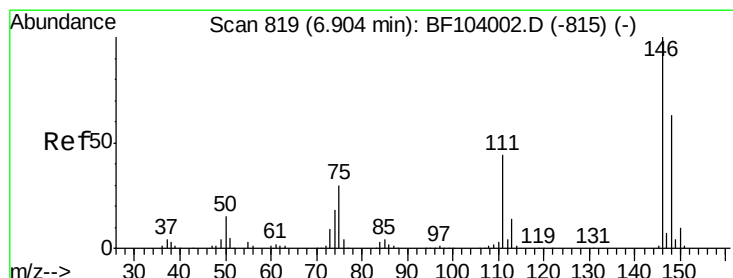
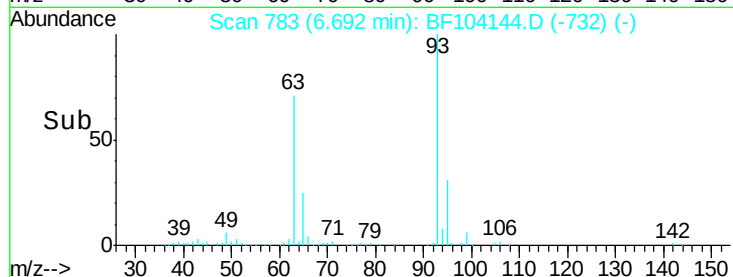
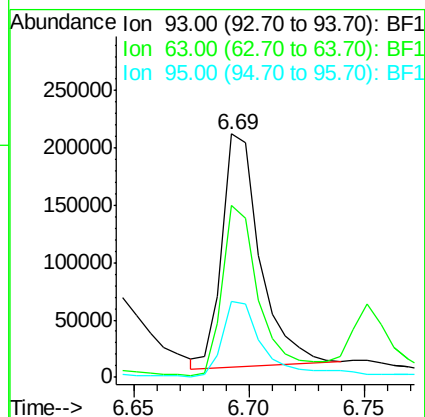
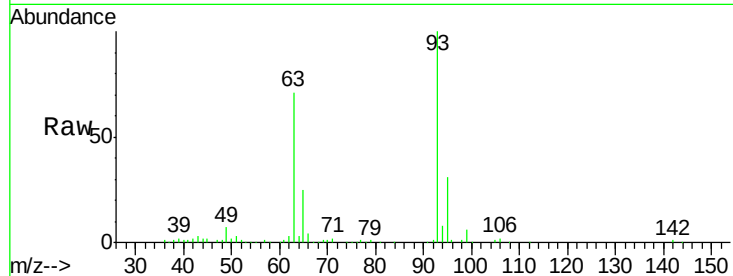
#11
bis(2-Chloroethyl)ether
Concen: 26.999 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

Tot Ion:	93	Resp:	233150
Ion	Ratio	Lower	Upper
93	100		
63	70.7	58.6	98.6
95	31.1	11.8	51.8

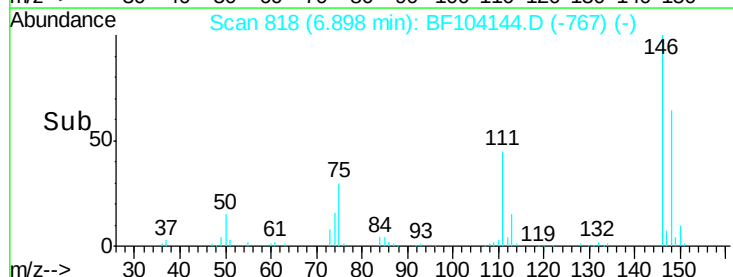
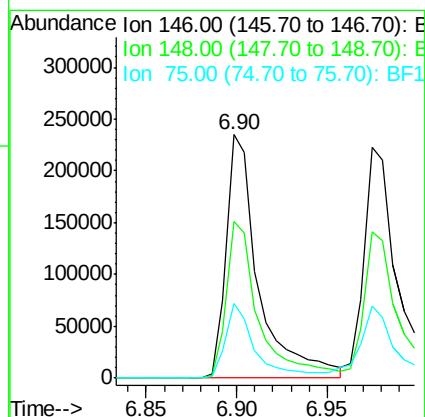
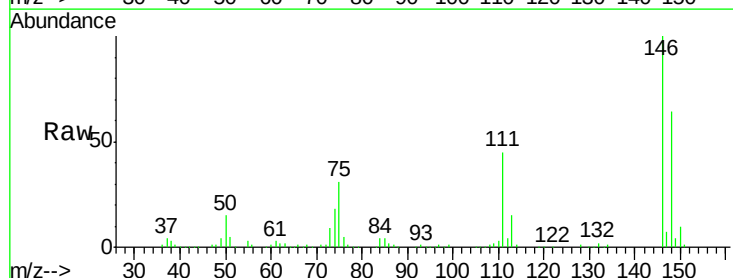
Manual Integrations
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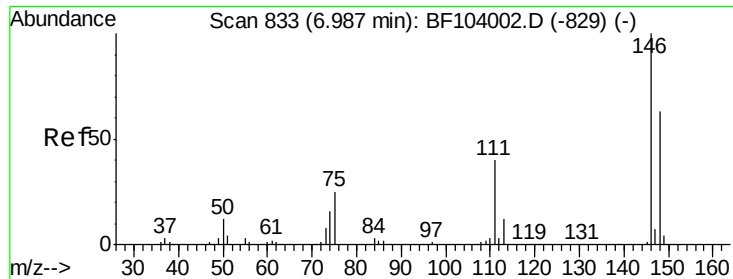
Sohil
4/3/2018 2:27:22 PM



#12
1,3-Dichlorobenzene
Concen: 32.406 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion:	146	Resp:	293749
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	30.8	24.2	36.4





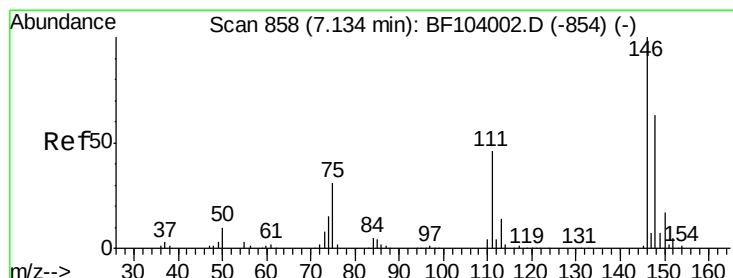
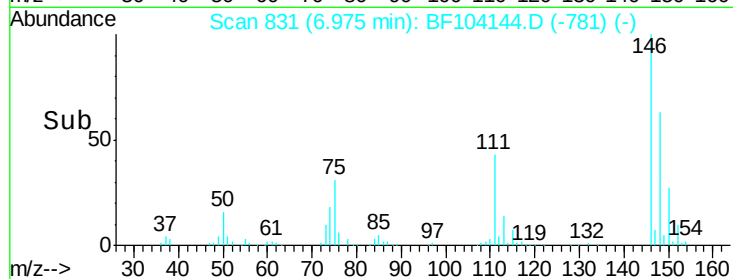
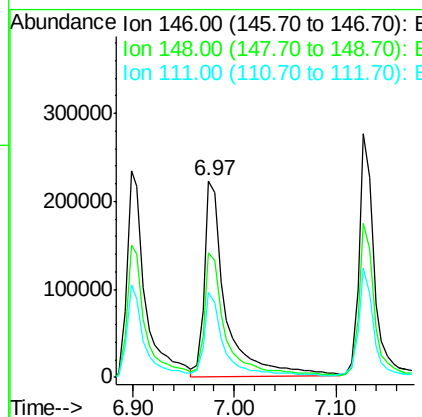
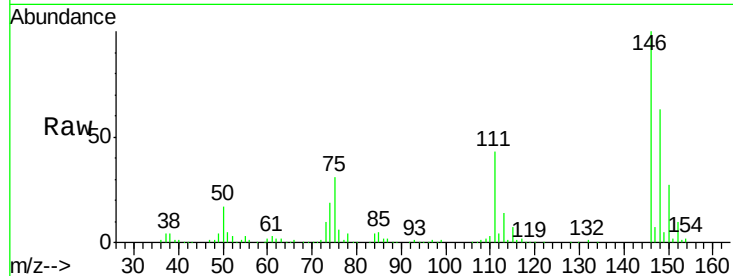
#13
 1,4-Dichlorobenzene
 Concen: 34.021 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
111	43.0	34.2	51.2

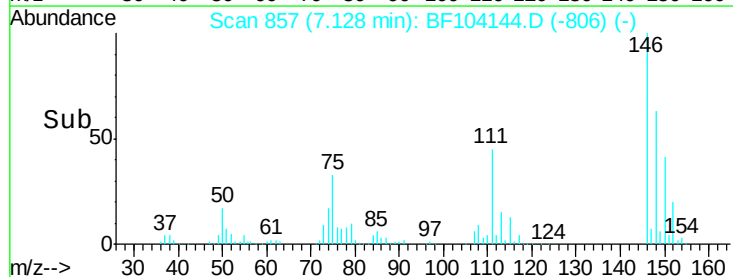
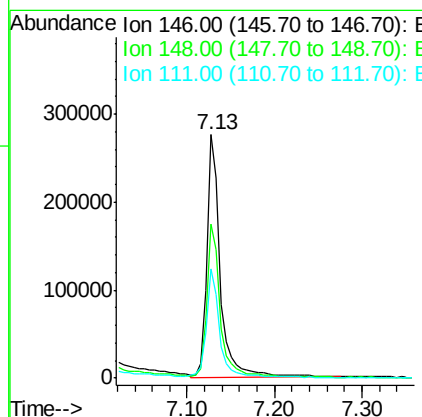
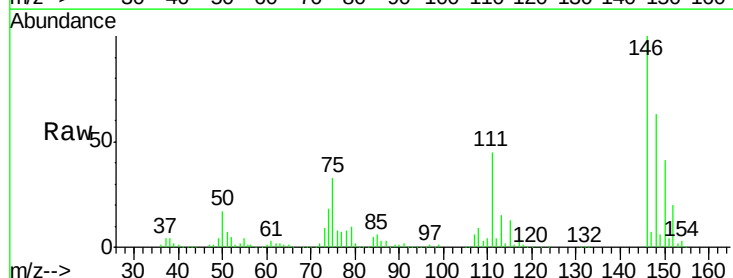
Manual Integrations
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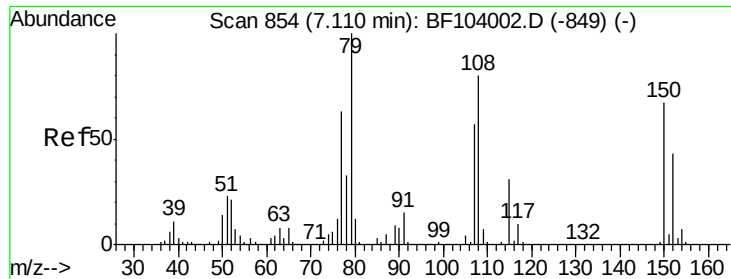
Sohil
 4/3/2018 2:27:22 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.872 ng
 RT: 7.13 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	44.9	36.0	54.0





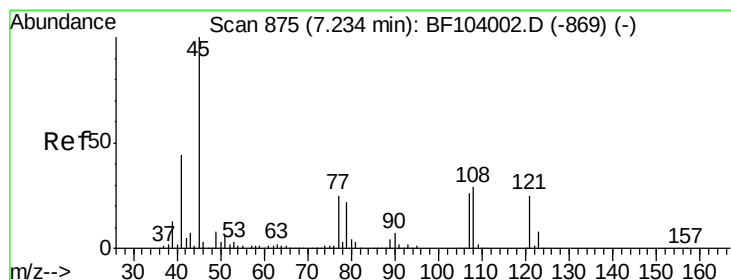
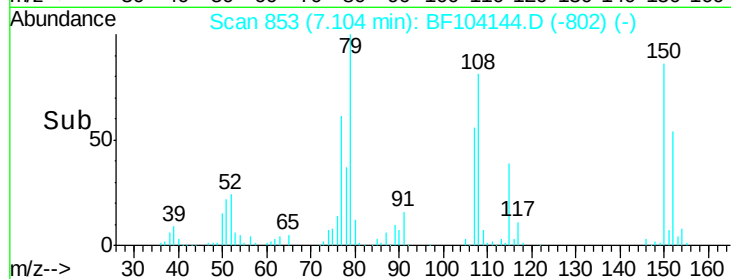
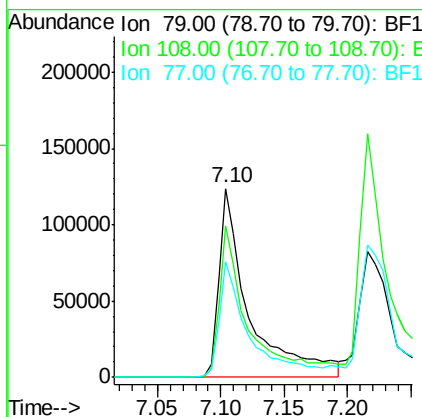
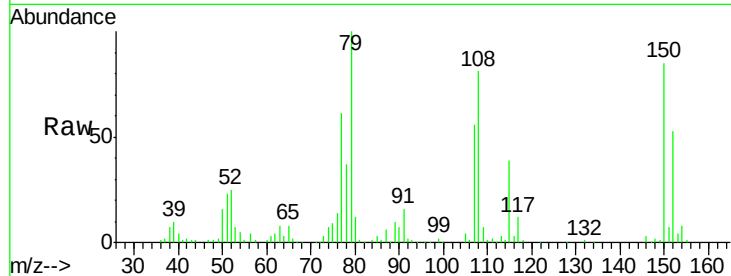
#15
Benzyl Alcohol
Concen: 34.941 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		205472		
108	80.6	65.1	97.7		
77	61.4	50.6	75.8		

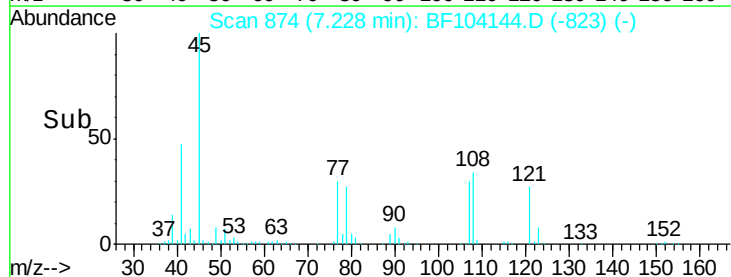
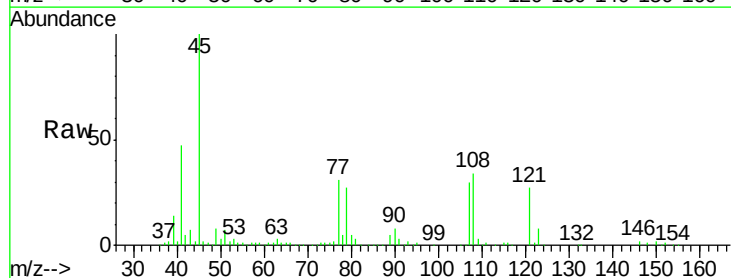
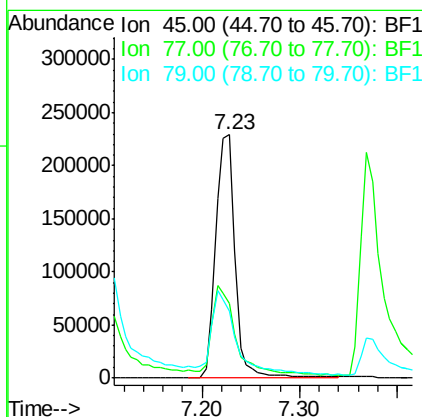
Manual Integrations
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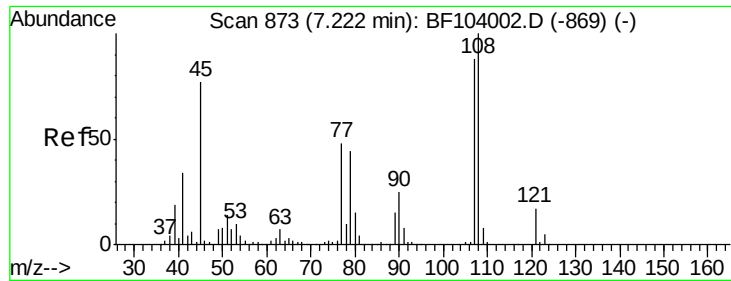
Sohil
4/3/2018 2:27:22 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.767 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100		317678		
77	30.5	0.0	32.9		
79	27.3	0.0	29.6		





#17

2-Methylphenol

Concen: 34.177 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)MSD

Tot Ion:107 Resp: 224317
Ion Ratio Lower Upper

107 100

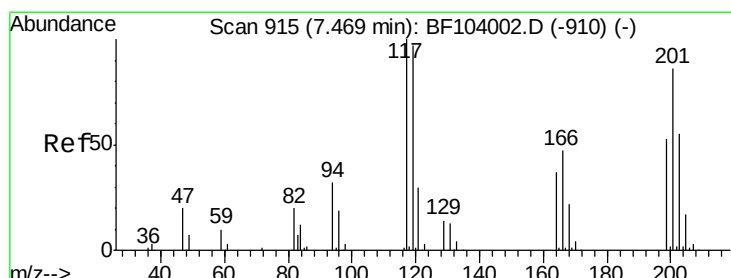
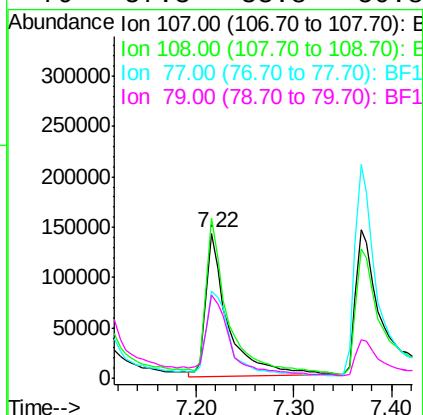
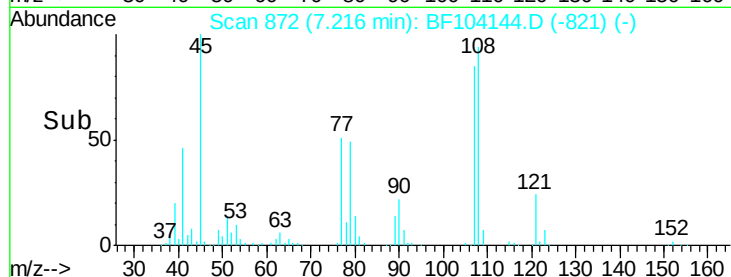
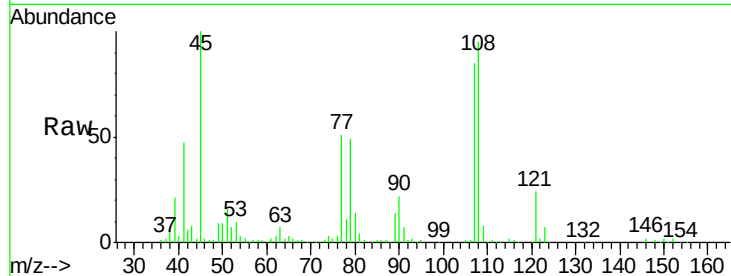
108 110.7 91.7 137.5

77 60.3 33.8 50.8#

79 57.3 33.8 50.8#

Manual Integrations
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4/3/2018 2:27:22 PM



#18

Hexachloroethane

Concen: 32.128 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF104144.D

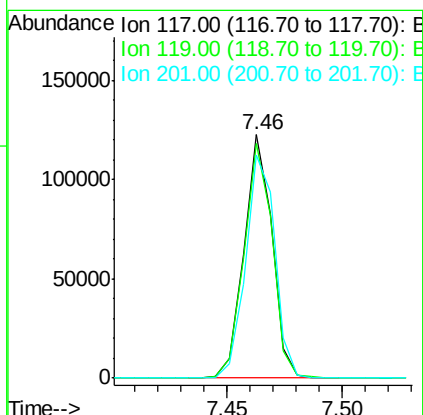
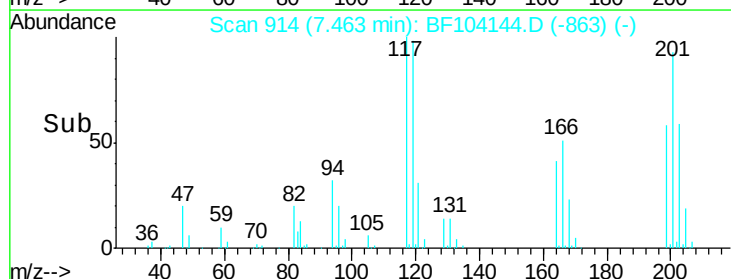
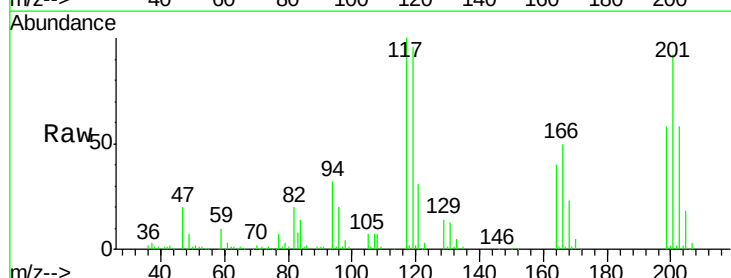
Acq: 2 Apr 2018 19:11

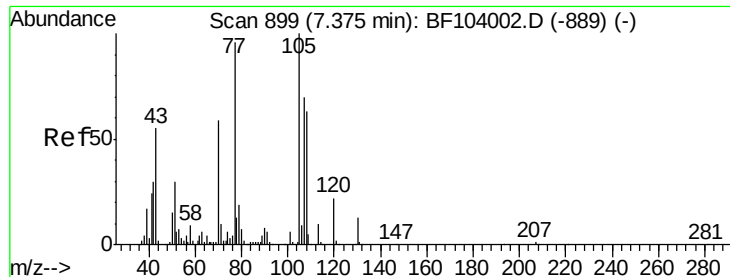
Tgt Ion:117 Resp: 104481
Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.8

201 91.5 75.7 113.5





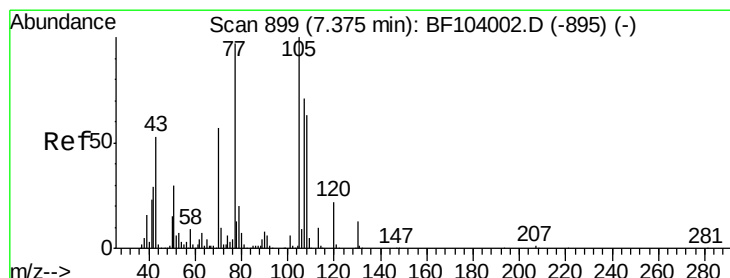
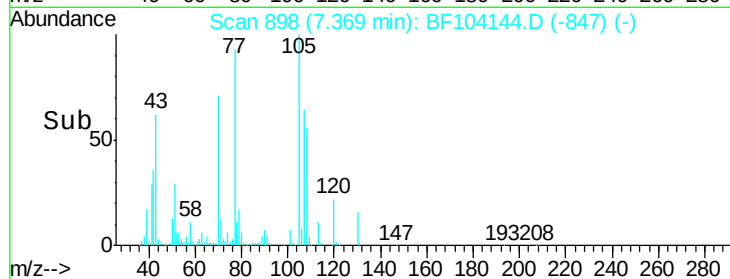
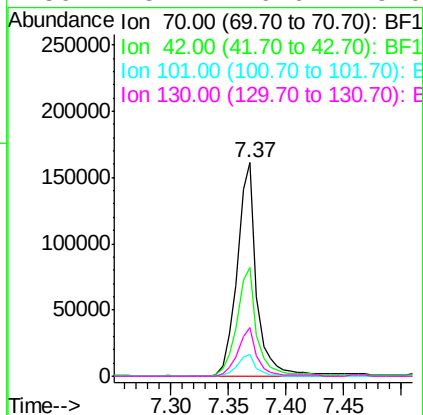
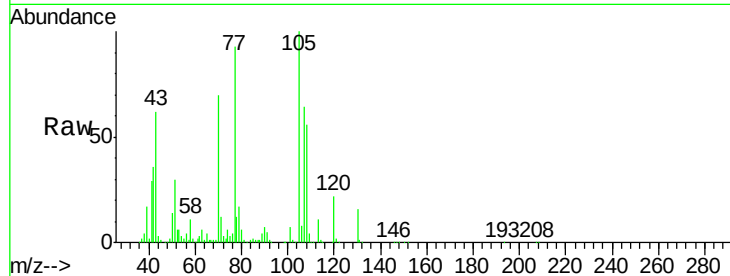
#19
n-Nitroso-di-n-propylamine
Concen: 35.453 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.9	47.5	71.3
101	10.1	7.4	11.2
130	23.1	16.6	25.0

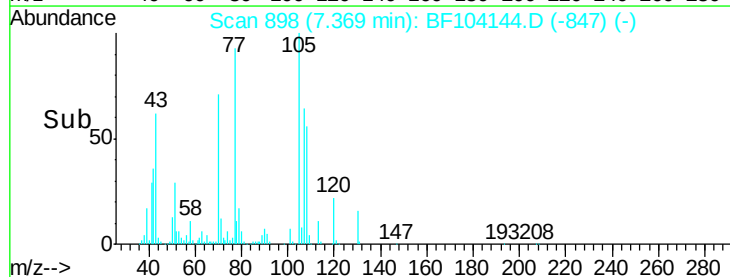
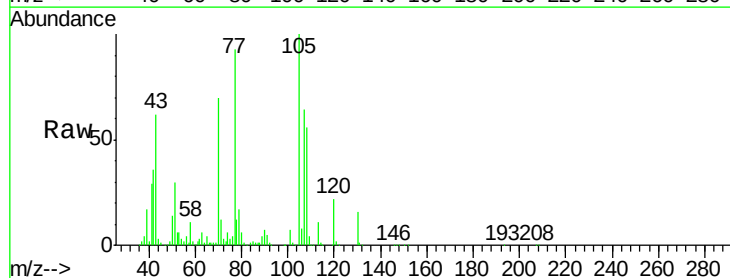
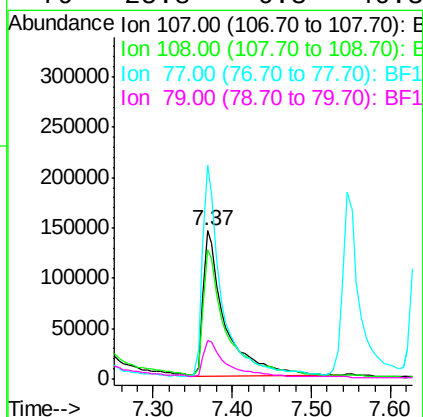
Manual Integrations
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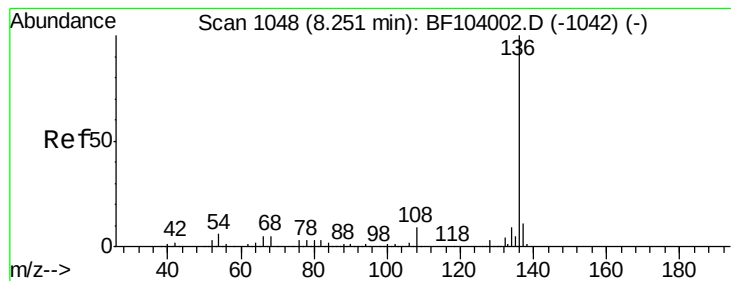
Sohil
4/3/2018 2:27:22 PM



#20
3+4-Methylphenols
Concen: 33.950 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.2	108.2
77	144.3	26.7	66.7#
79	25.8	6.3	46.3





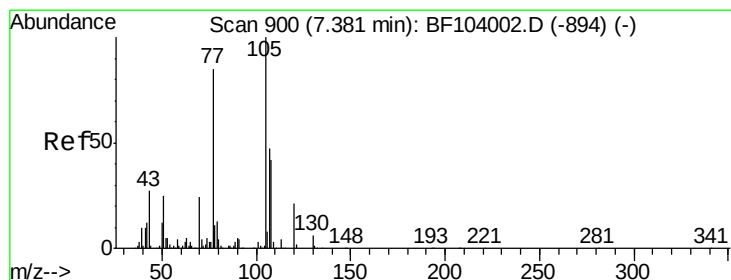
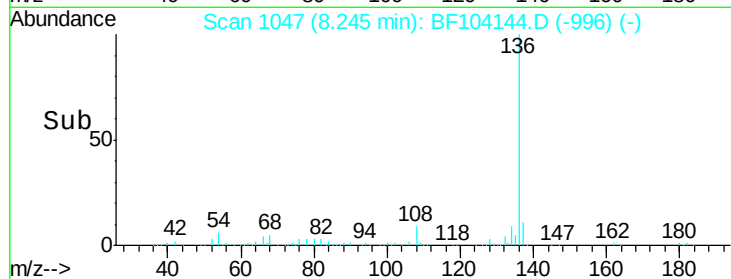
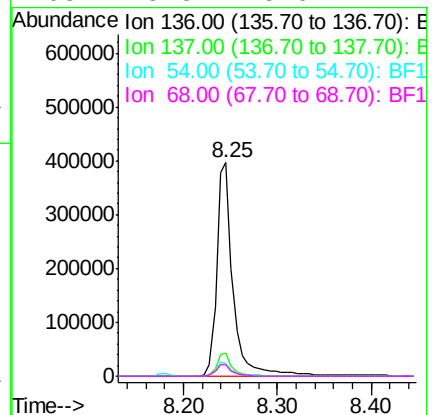
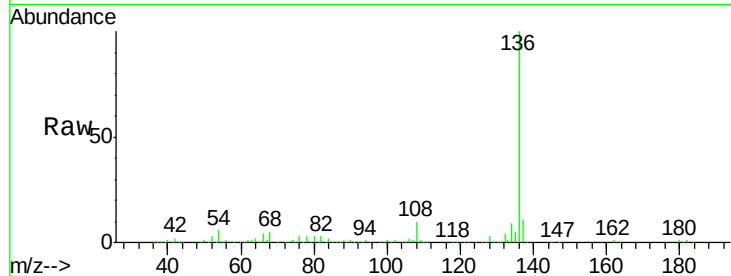
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		488825		
137	10.9		8.9	13.3	
54	6.0		6.6	9.8#	
68	5.3		5.0	7.4	

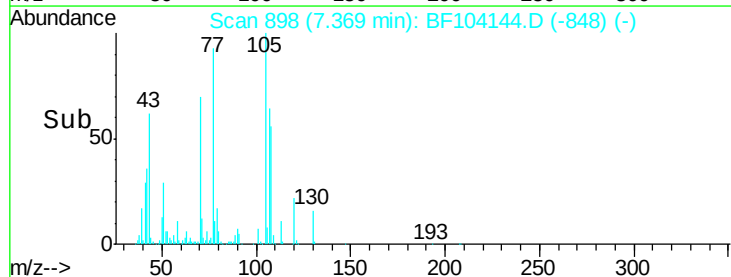
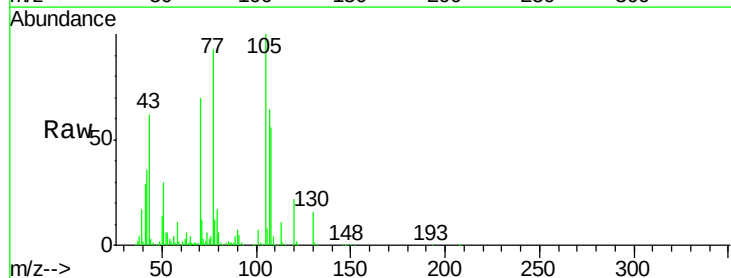
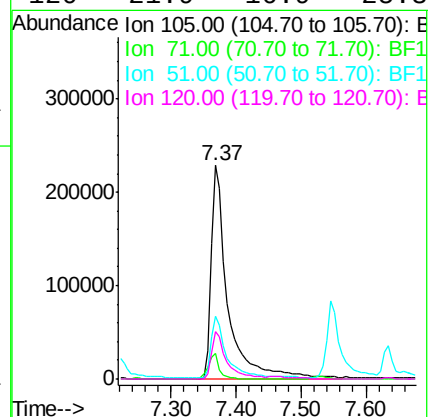
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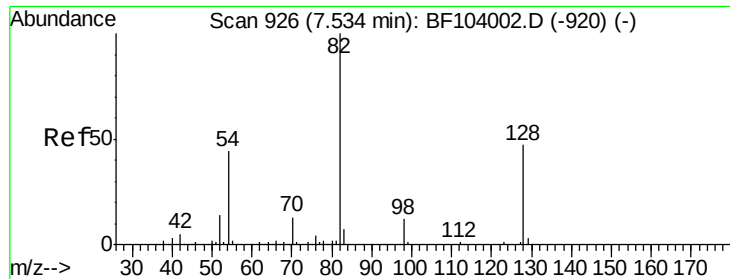
Sohil
4/3/2018 2:27:22 PM



#22
Acetophenone
Concen: 34.493 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		407953		
71	11.8		4.4	6.6#	
51	29.6		22.3	33.5	
120	21.9		16.9	25.3	





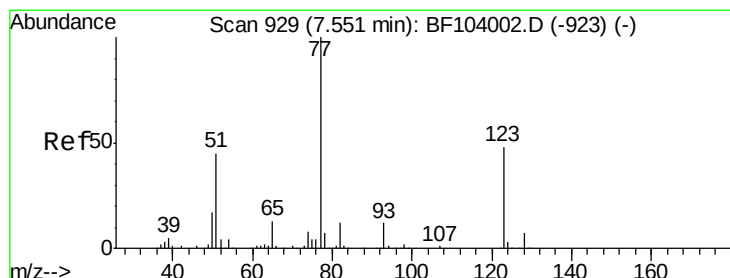
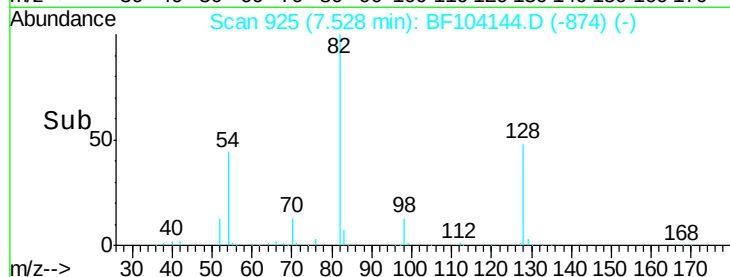
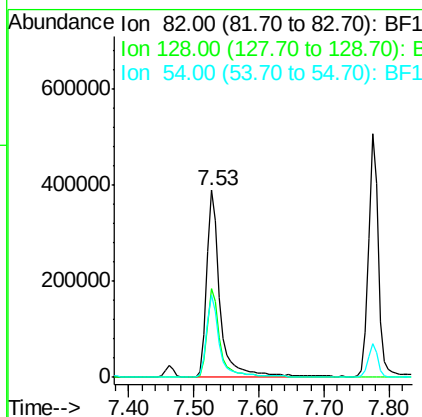
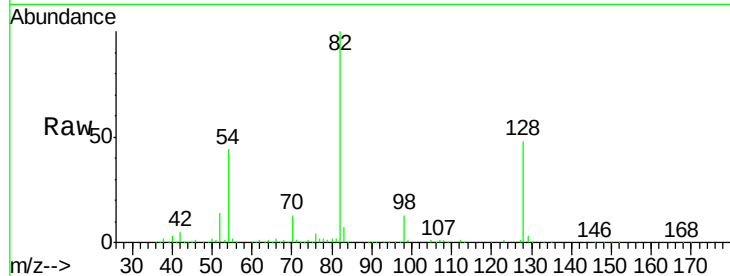
#23
 Nitrobenzene-d5
 Concen: 70.926 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MSD

Tot Ion:	82	Resp:	566923
Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	44.3	41.4	62.2

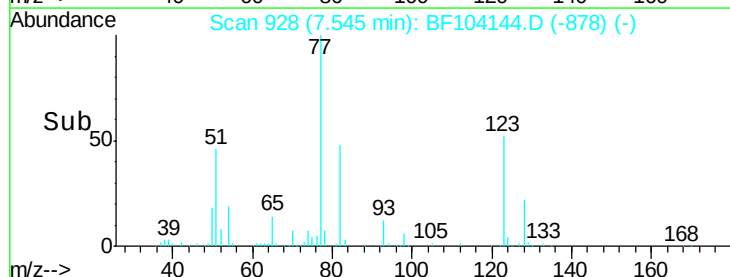
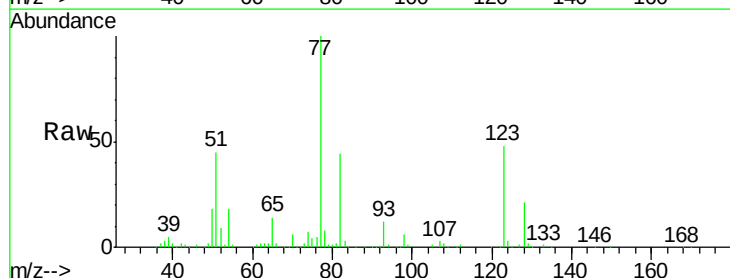
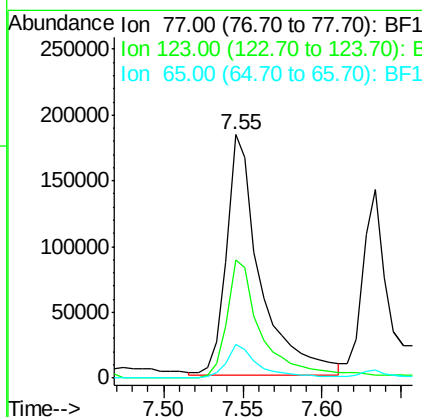
Manual Integrations
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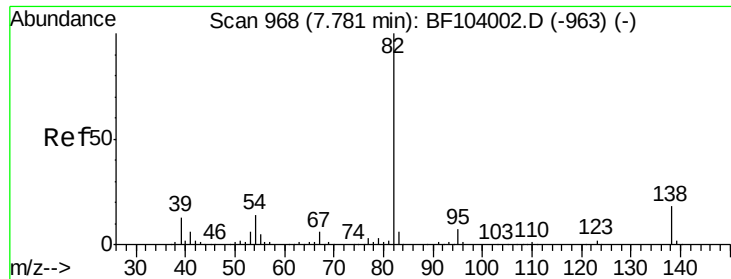
Sohil
 4/3/2018 2:27:22 PM



#24
 Nitrobenzene
 Concen: 32.141 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion:	77	Resp:	270307
Ion	Ratio	Lower	Upper
77	100		
123	48.4	37.9	56.9
65	13.6	11.0	16.4





#25

Isophorone

Concen: 35.859 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

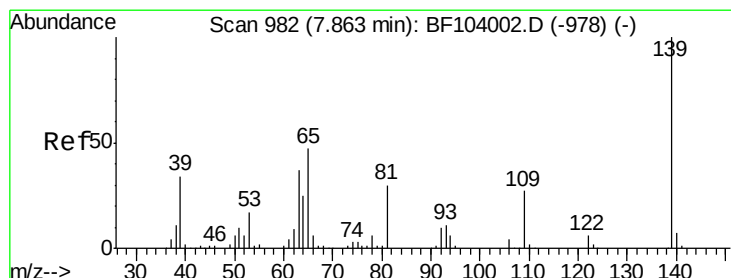
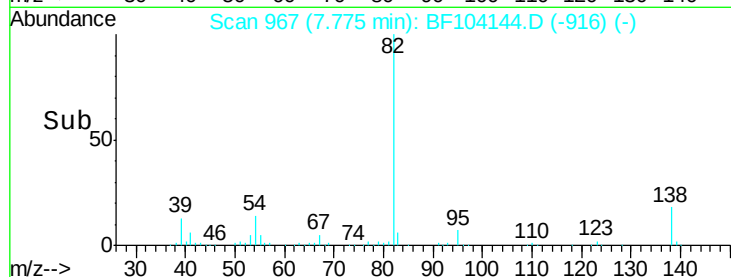
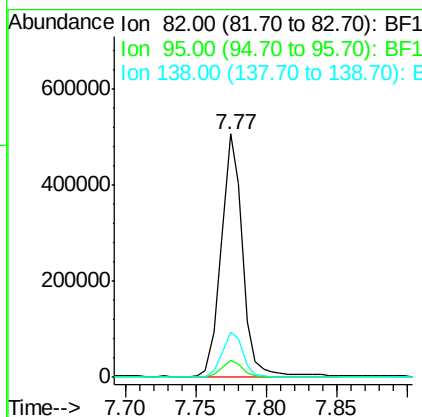
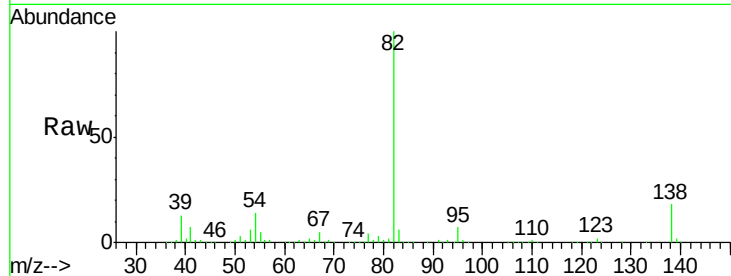
ClientSampleId :

SB-102(11-12)MSD

Tot Ion:	82	Resp:	528228
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	18.3	14.9	22.3

Manual Integrations
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4/3/2018 2:27:22 PM



#26

2-Nitrophenol

Concen: 35.669 ng

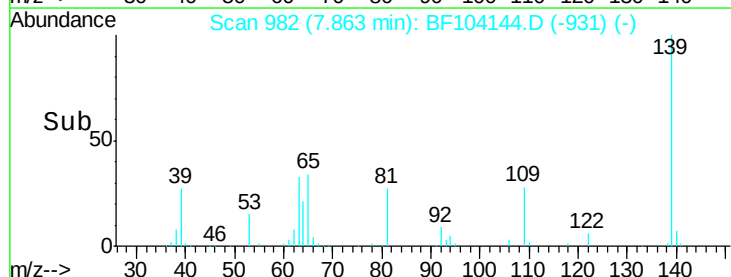
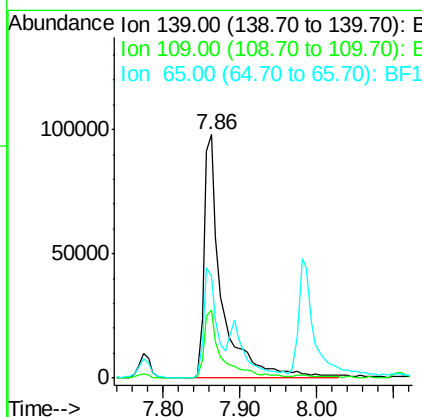
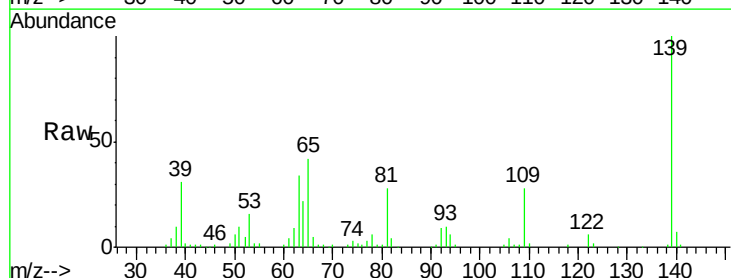
RT: 7.86 min Scan# 982

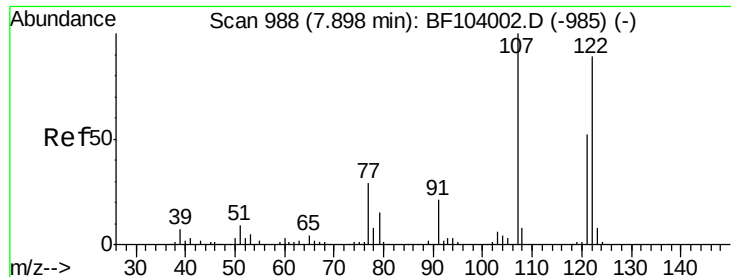
Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Tgt Ion:	139	Resp:	156589
Ion Ratio	Lower	Upper	
139	100		
109	27.9	22.7	34.1
65	41.8	40.5	60.7





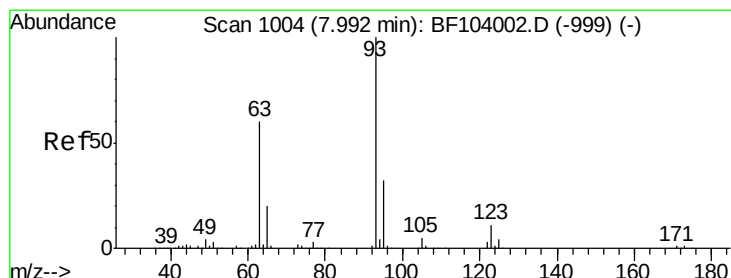
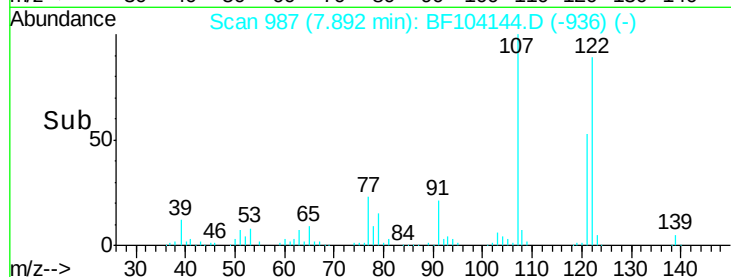
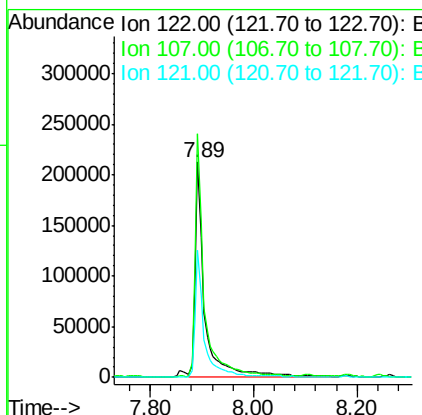
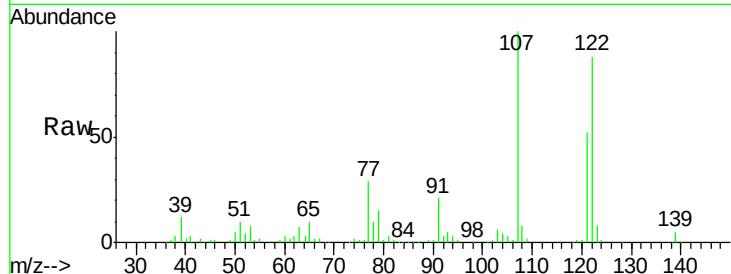
#27
2,4-Dimethylphenol
Concen: 42.571 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.2	91.2	136.8
121	59.2	47.2	70.8

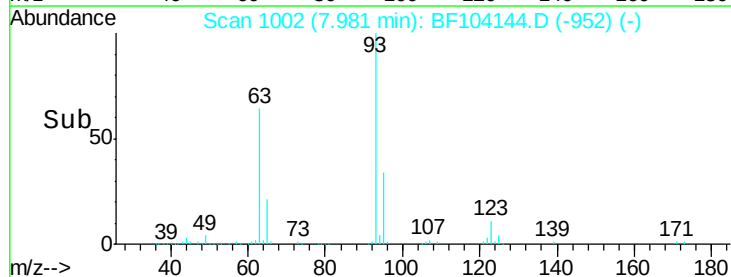
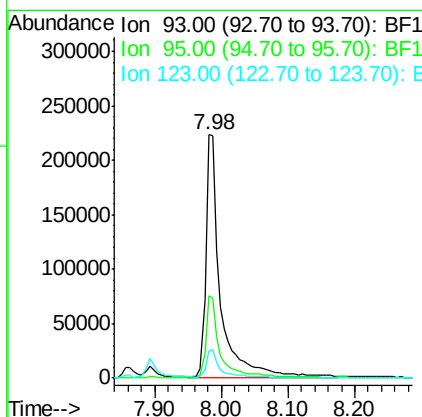
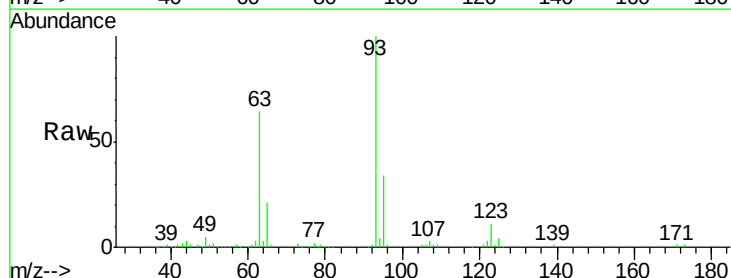
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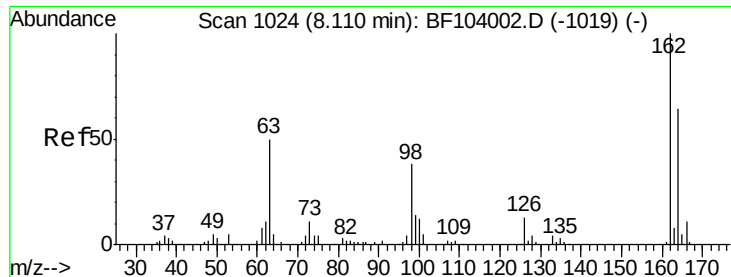
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 36.555 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.3	39.5
123	11.4	9.8	14.6





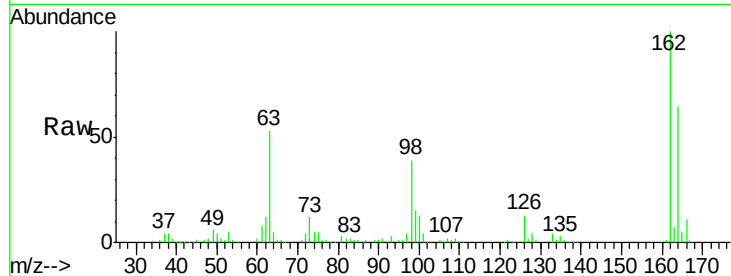
#29
 2,4-Dichlorophenol
 Concen: 36.471 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MSD

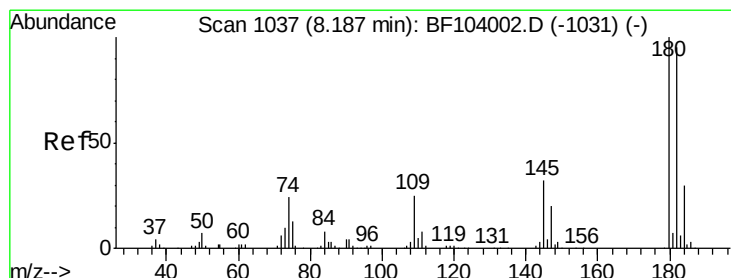
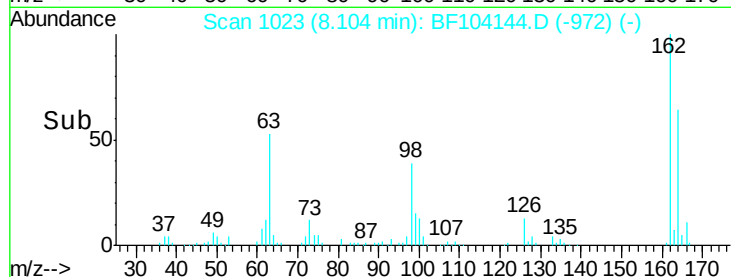
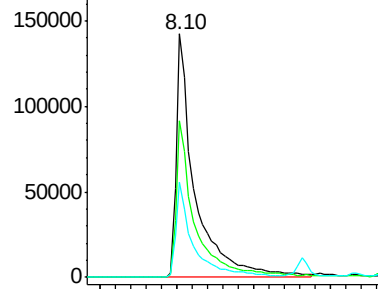
Tot Ion	Ratio	Resp	Lower	Upper
162	100	241183		
164	64.4	42.7	82.7	
98	39.0	18.1	58.1	

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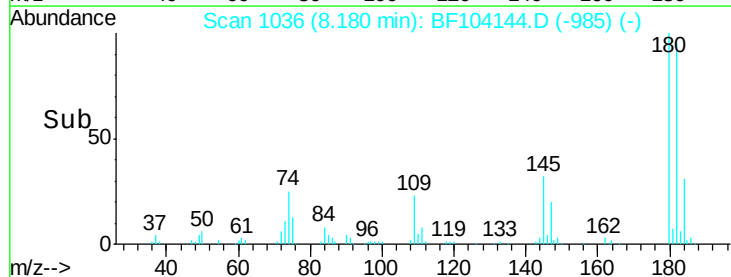
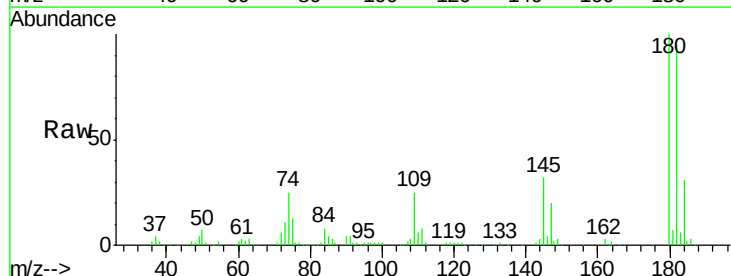
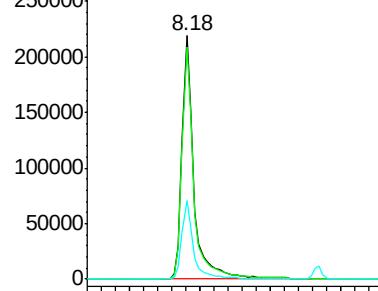
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

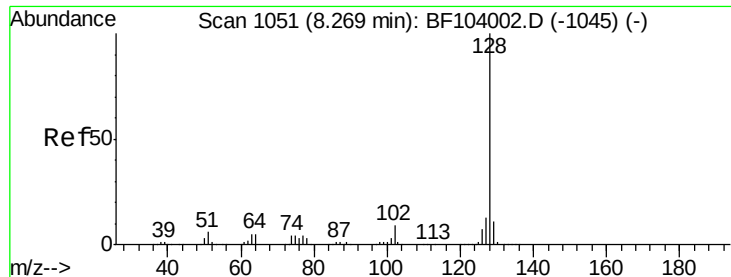


#30
 1,2,4-Trichlorobenzene
 Concen: 34.188 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	256519		
182	95.4	76.8	115.2	
145	32.3	26.5	39.7	

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





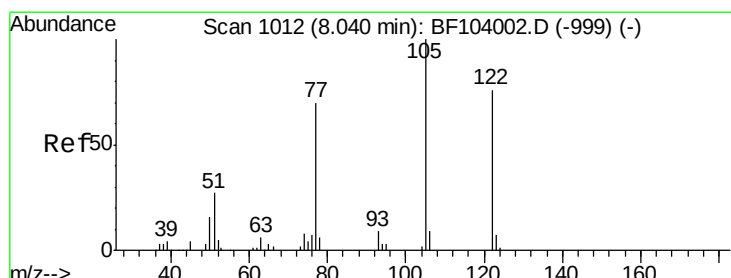
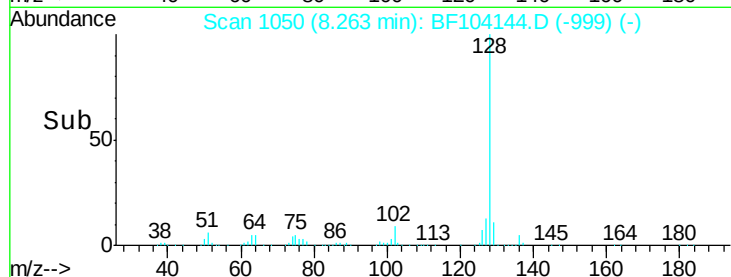
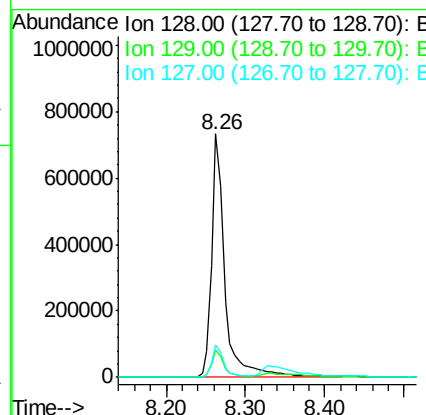
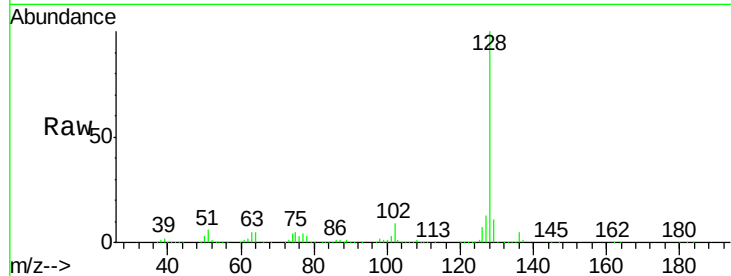
#31
Naphthalene
Concen: 36.148 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.9	16.3

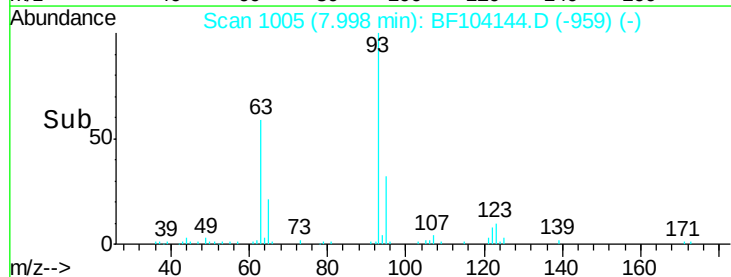
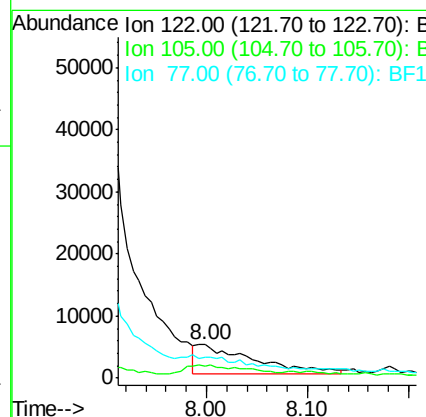
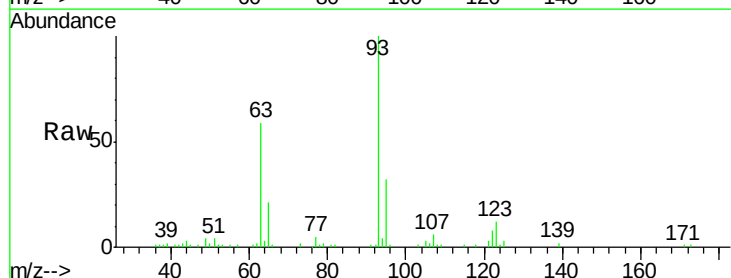
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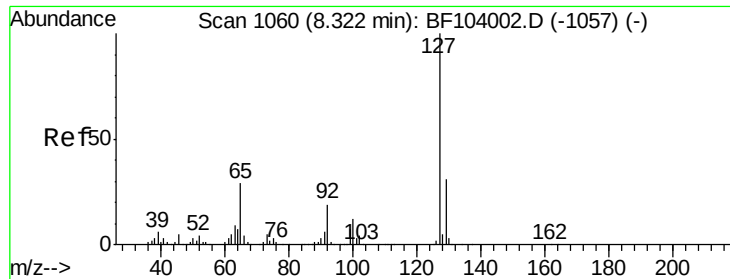
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#32
Benzoic acid
Concen: 4.079 ng m
RT: 8.00 min Scan# 1005
Delta R.T. -0.03 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	36.1	101.1	141.1#
77	61.1	70.7	110.7#





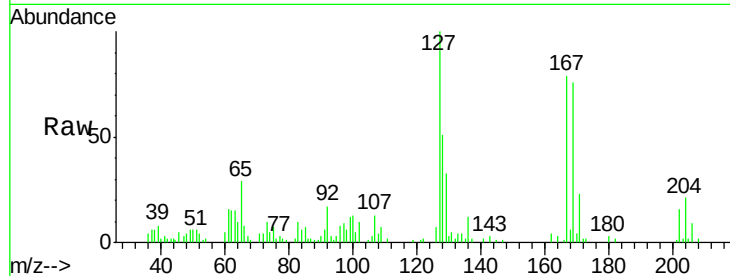
#33
4-Chloroaniline
Concen: 10.917 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

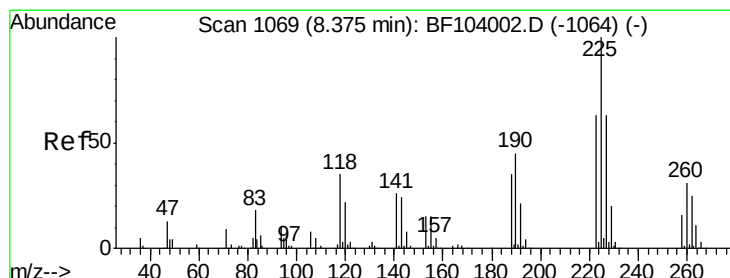
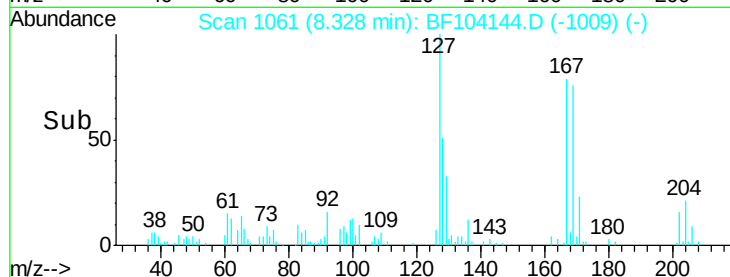
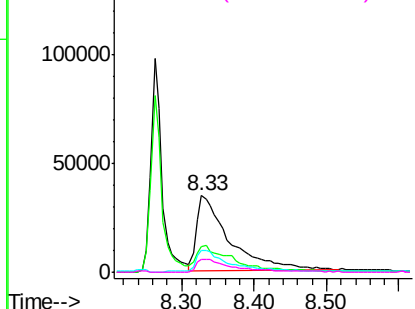
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	25.9	38.9		
65	28.8	25.0	37.4		
92	16.7	15.2	22.8		

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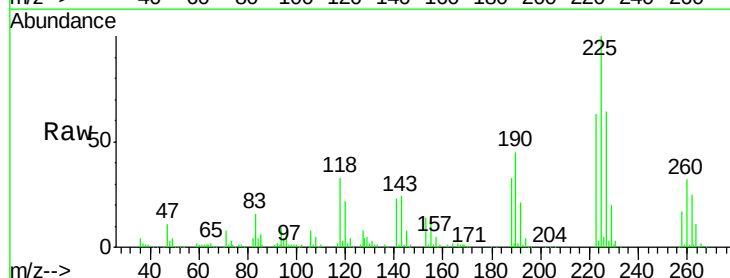


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

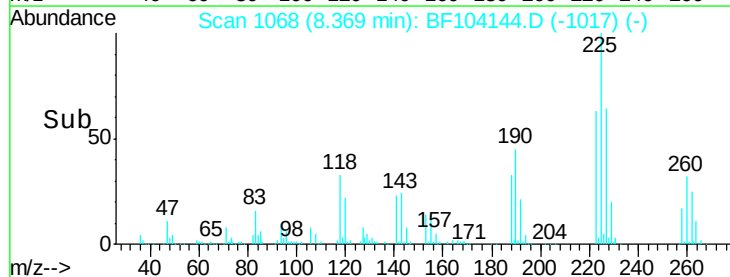
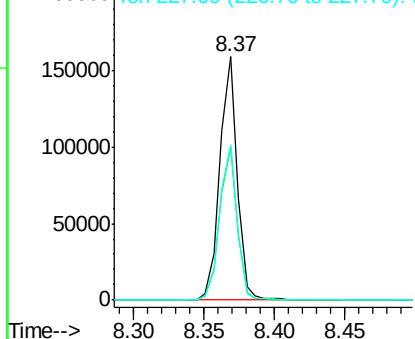


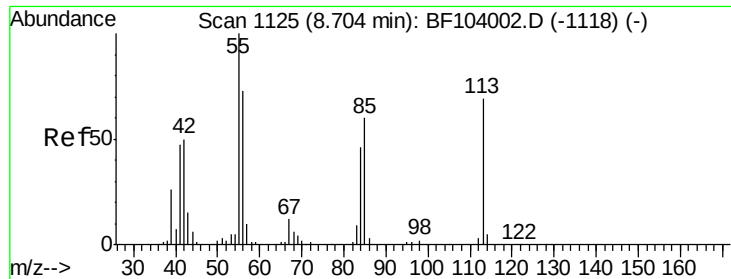
#34
Hexachlorobutadiene
Concen: 33.390 ng
RT: 8.37 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	50.6	76.0		
227	63.7	51.9	77.9		



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





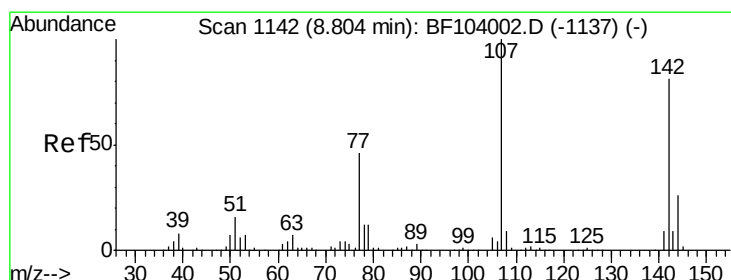
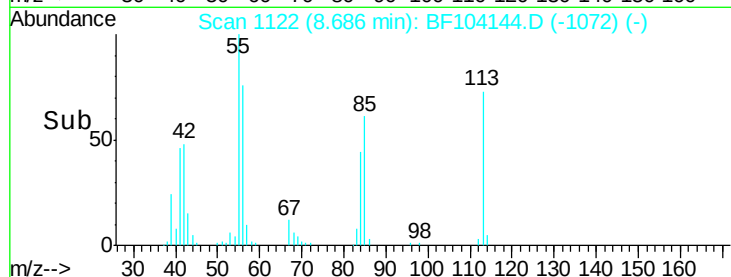
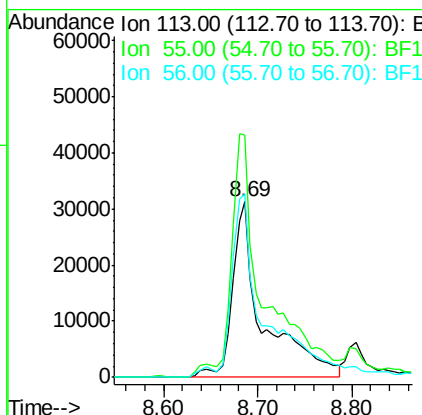
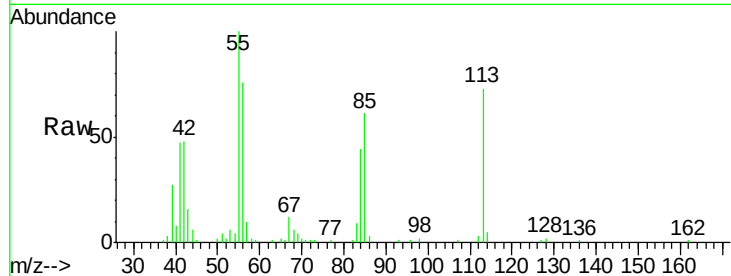
#35
 Caprolactam
 Concen: 33.814 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	137.6	163.3	203.3#
56	104.4	115.7	155.7#

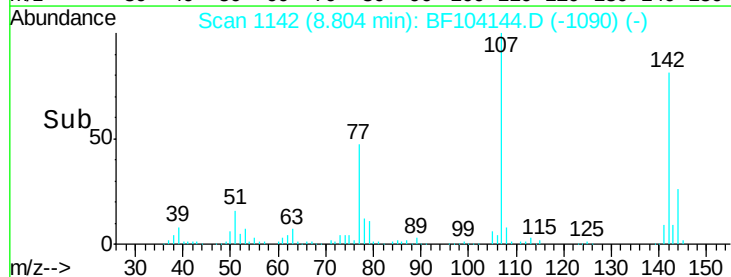
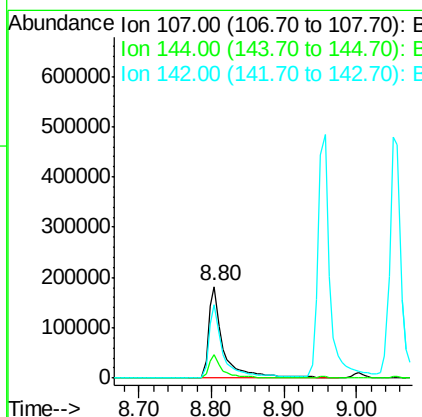
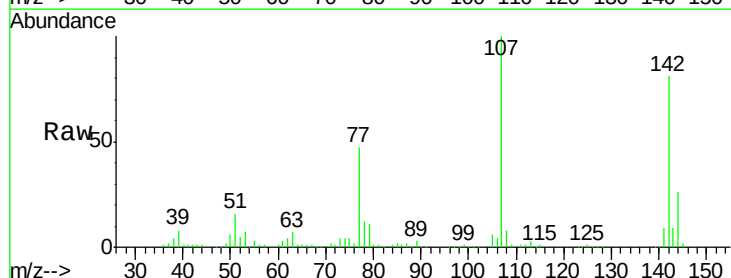
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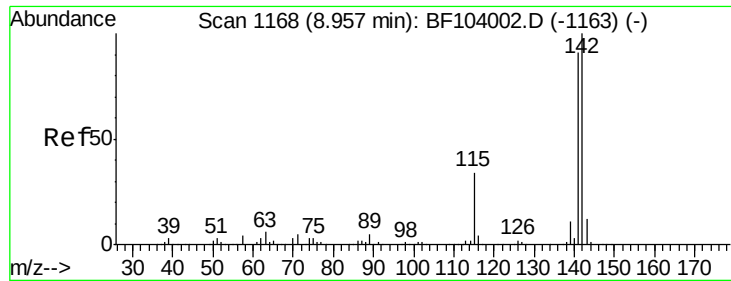
Sohil
 4/3/2018 2:27:22 PM



#36
 4-Chloro-3-methylphenol
 Concen: 36.986 ng/ml
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.5	30.7
142	80.5	62.0	93.0





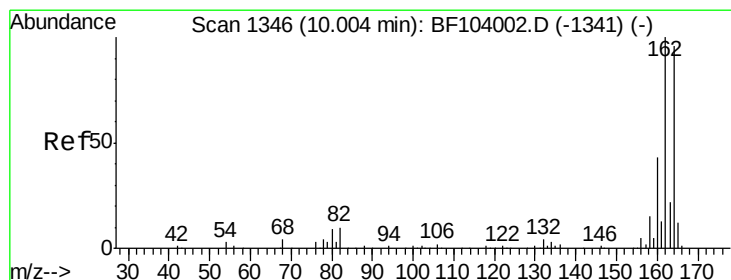
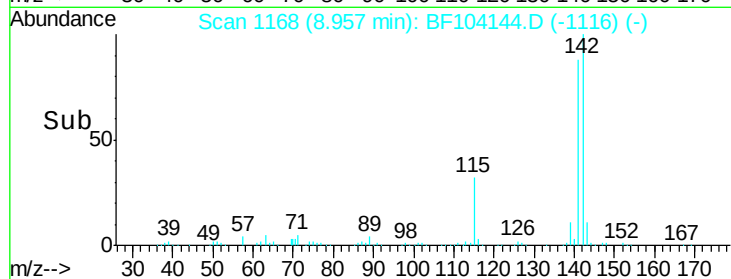
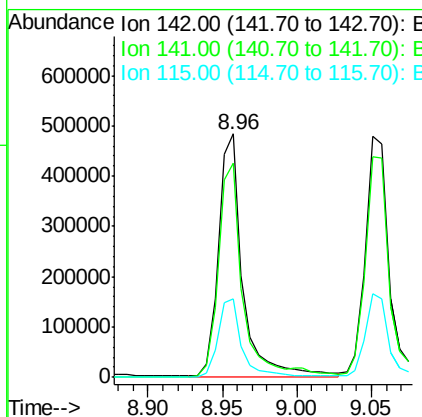
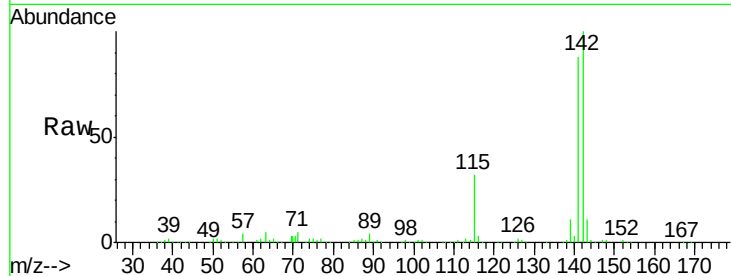
#37
2-Methylnaphthalene
Concen: 35.149 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.8	106.2
115	32.3	26.1	39.1

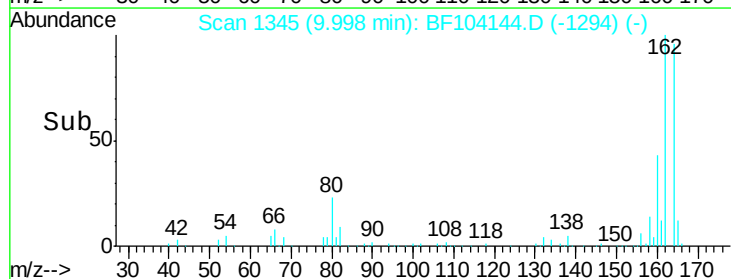
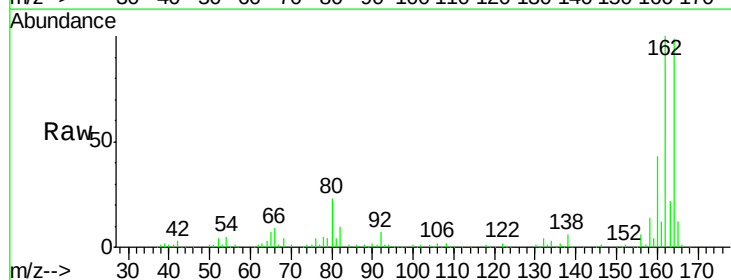
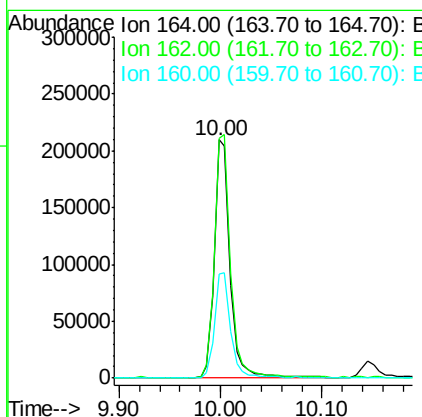
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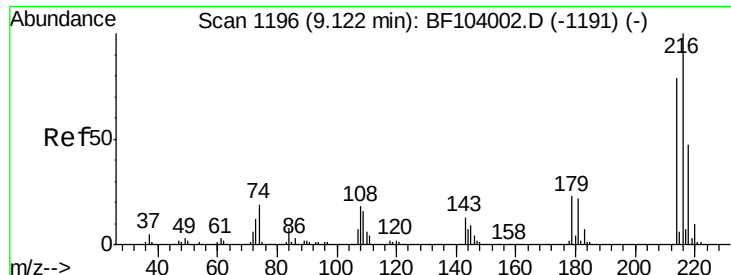
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	86.1	129.1
160	43.5	38.3	57.5





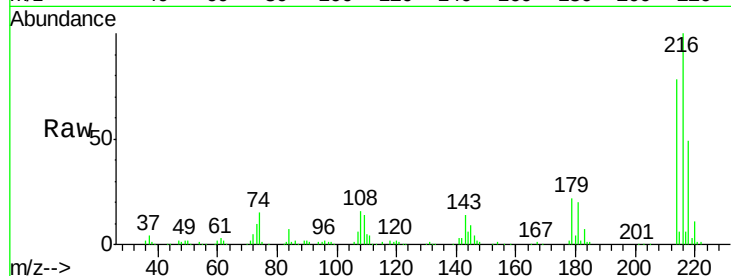
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.585 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MSD

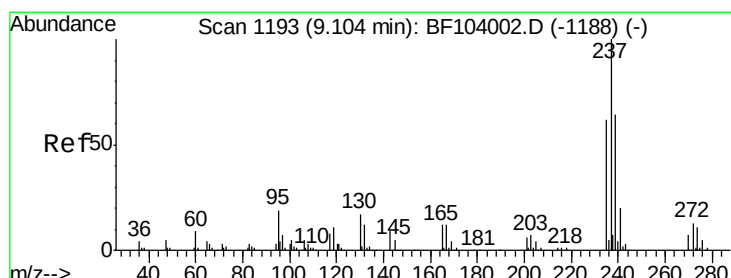
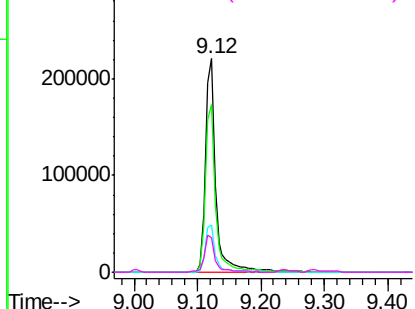
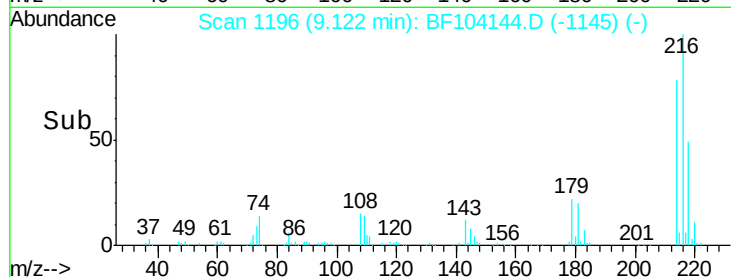
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	216	100	249931		
214	214	78.7	63.0	94.4	
179	179	21.8	18.1	27.1	
108	108	18.3	17.2	25.8	

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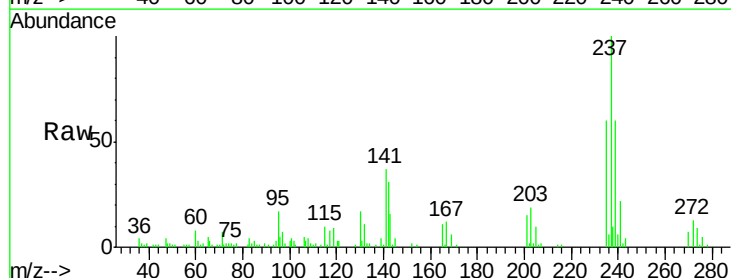


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

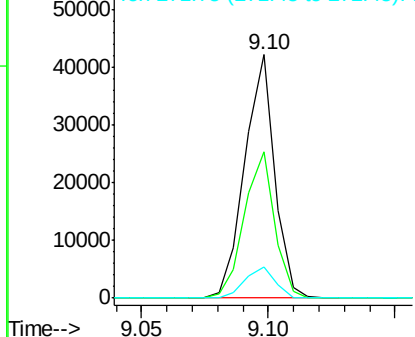
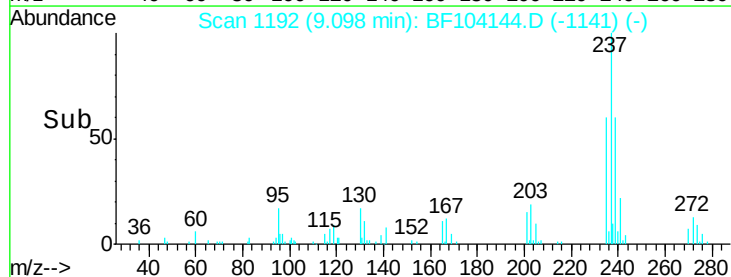


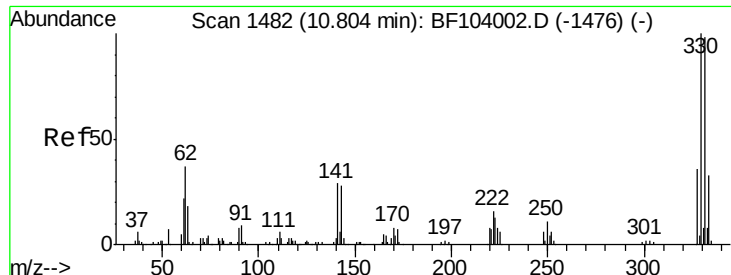
#40
 Hexachlorocyclopentadiene
 Concen: 15.156 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	237	100	34629		
235	235	60.0	44.8	84.8	
272	272	12.9	0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





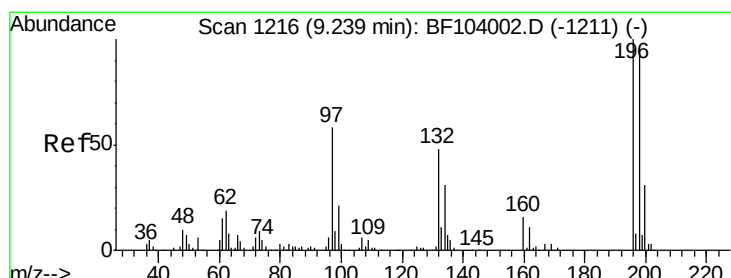
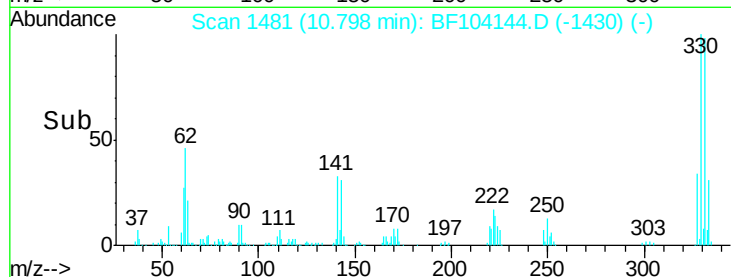
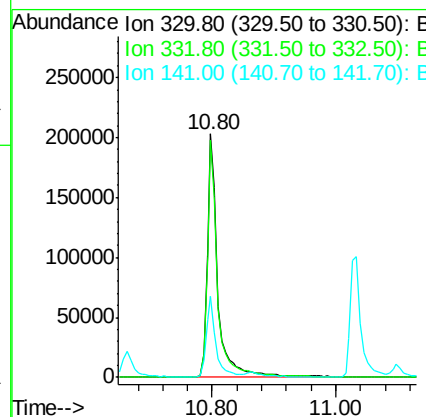
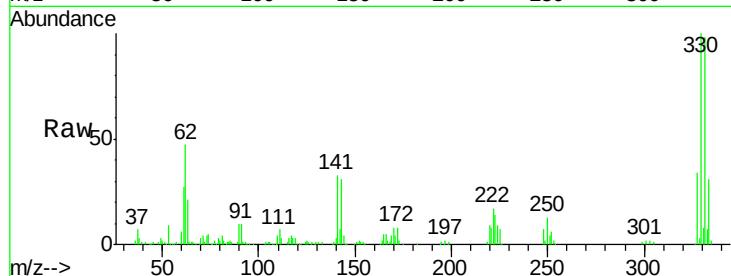
#41
 2,4,6-Tribromophenol
 Concen: 96.310 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	245618		
332	95.4	77.0	115.6	
141	29.9	29.9	44.9	

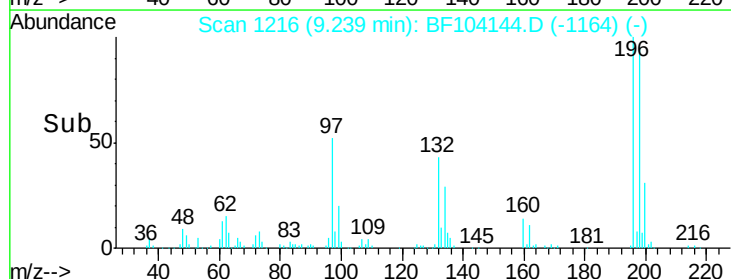
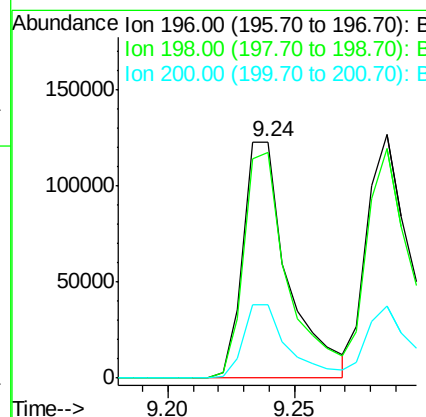
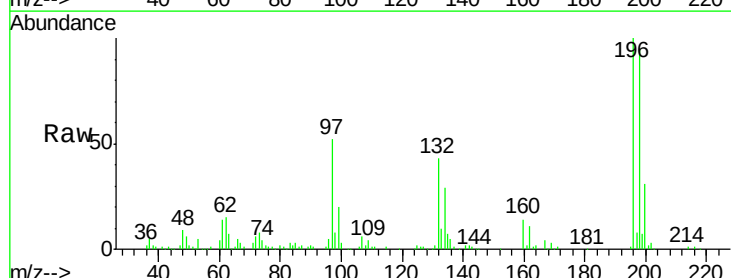
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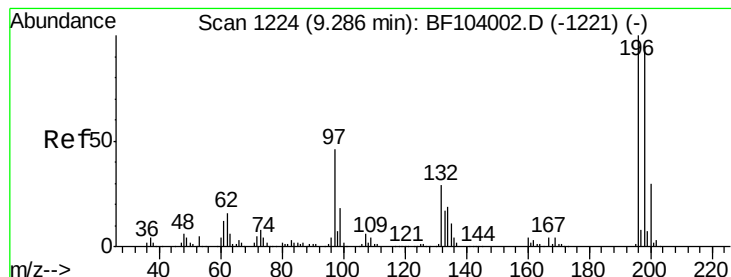
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 34.103 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	151668		
198	95.5	75.7	113.5	
200	31.2	24.5	36.7	





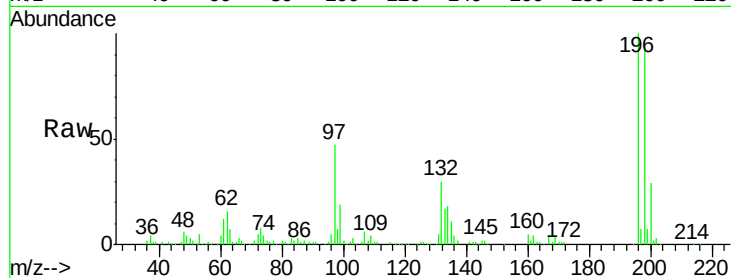
#43
 2,4,5-Trichlorophenol
 Concen: 33.165 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	178091		
198	94.2		74.6	112.0
97	47.2		42.9	64.3
132	29.7		26.3	39.5

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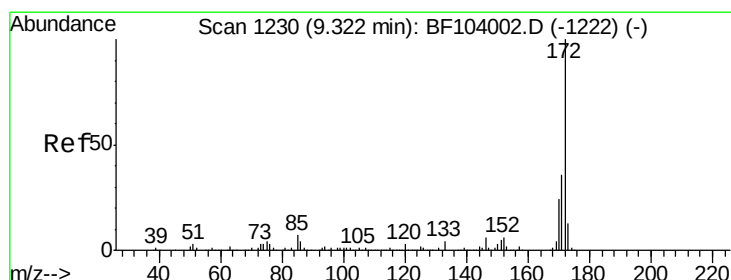
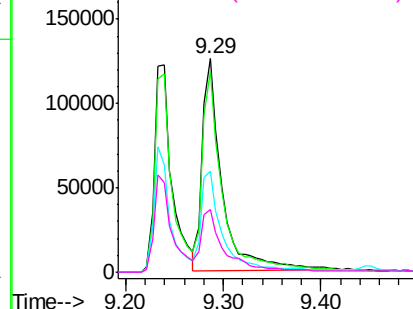
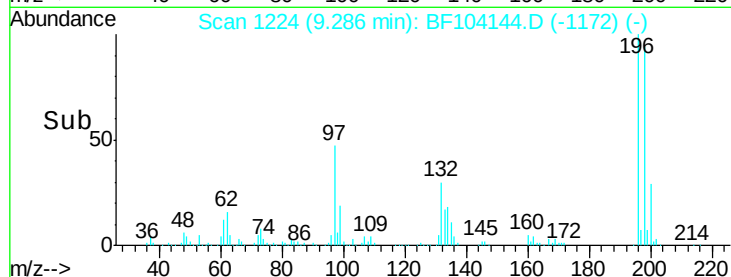
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

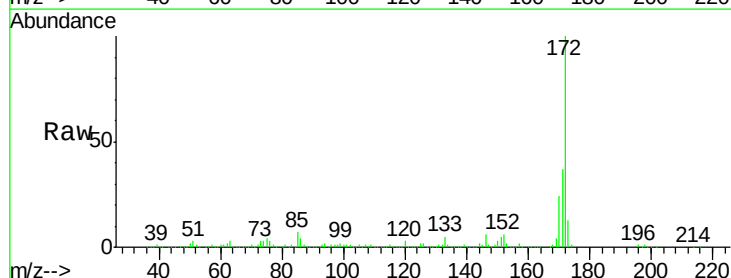
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.000 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1089318		
171	36.6		29.7	44.5
170	23.9		19.6	29.4

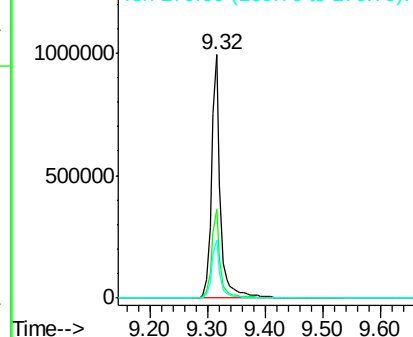
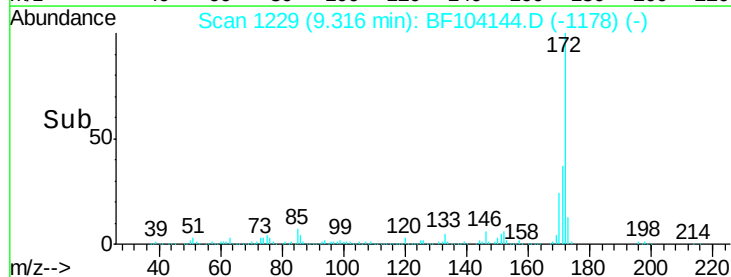


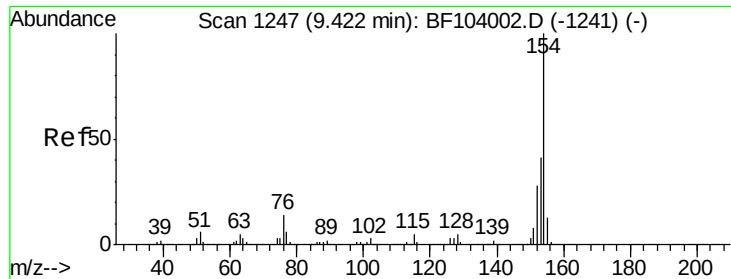
Abundance

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





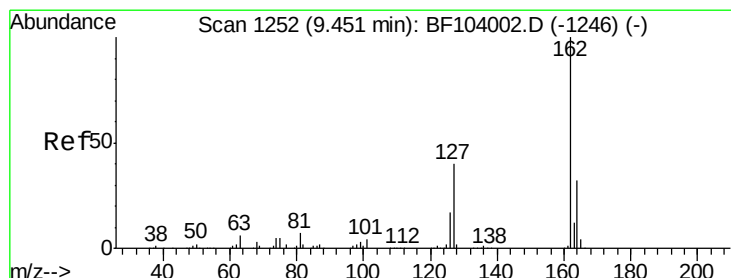
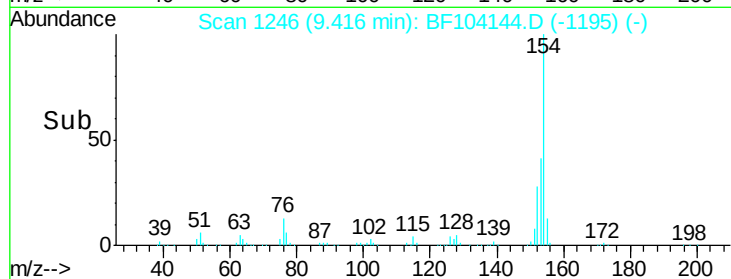
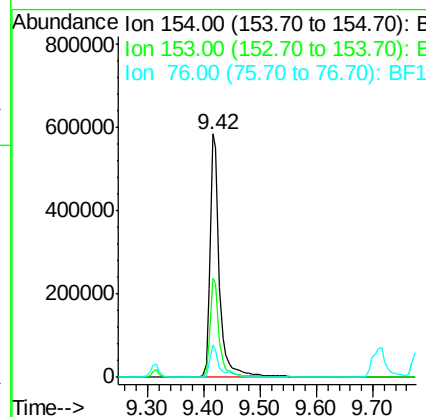
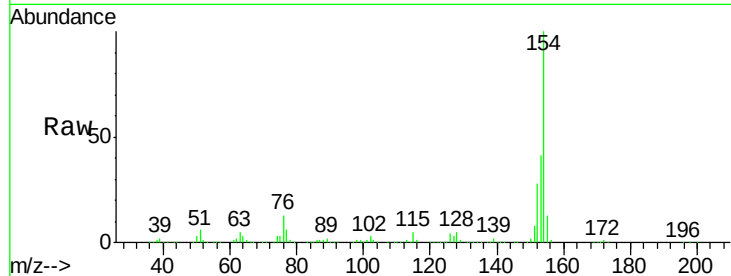
#45
 1,1'-Biphenyl
 Concen: 34.950 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MSD

Tot Ion:	154	Resp:	687029
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.3	61.3
76	13.3	0.0	34.0

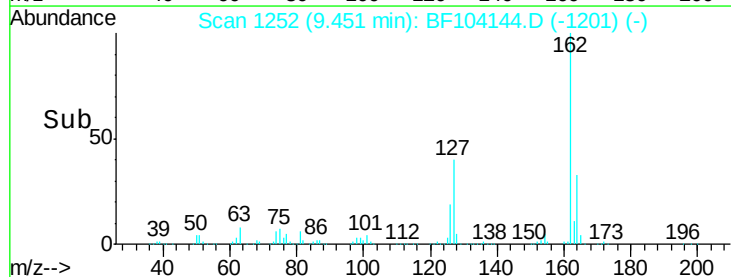
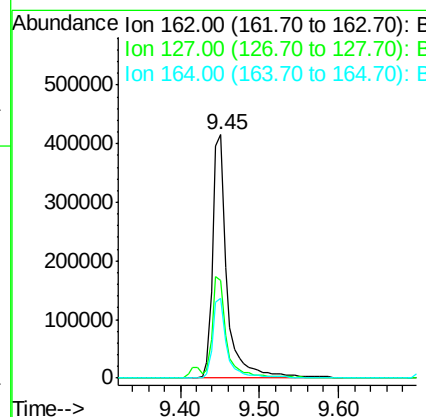
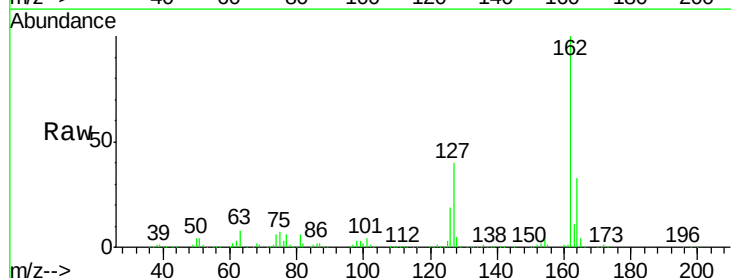
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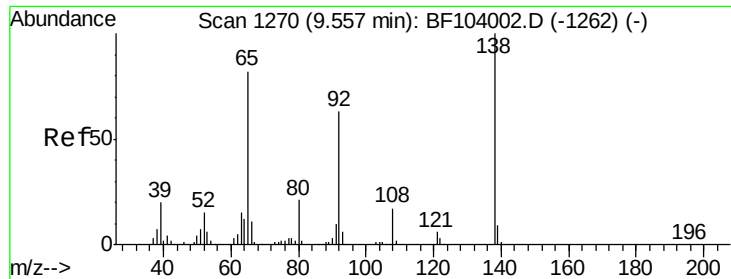
Sohil
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#46
 2-Chloronaphthalene
 Concen: 33.999 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion:	162	Resp:	527180
Ion Ratio	Lower	Upper	
162	100		
127	40.0	33.9	50.9
164	32.9	26.5	39.7





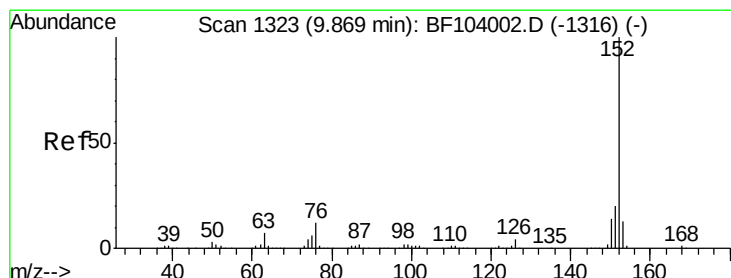
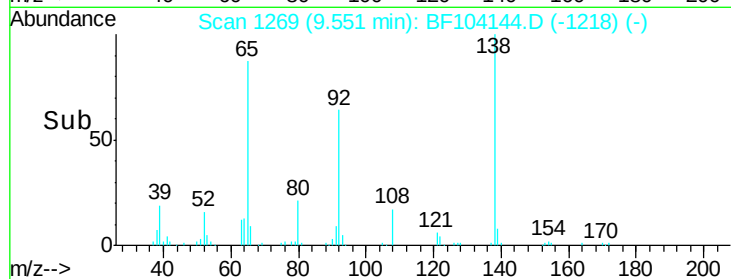
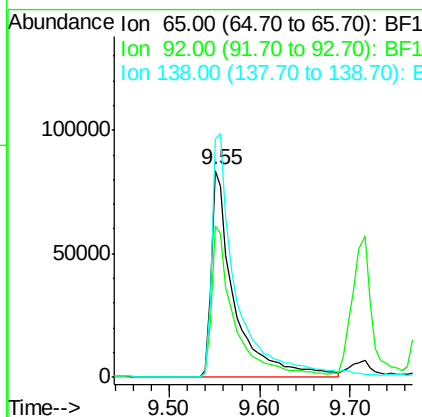
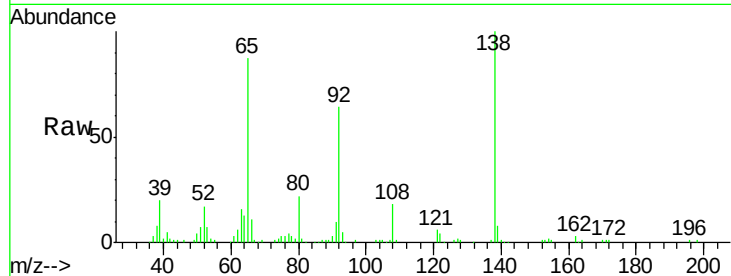
#47
2-Nitroaniline
Concen: 33.752 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.4	55.8	83.6
138	115.5	91.2	136.8

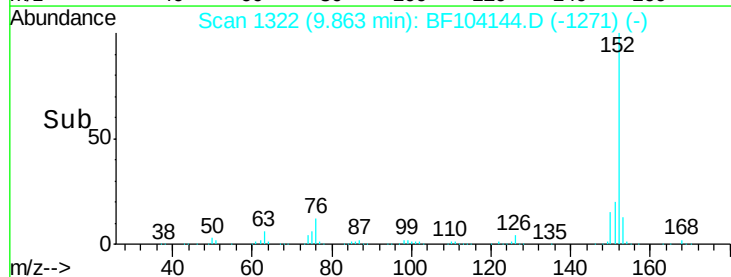
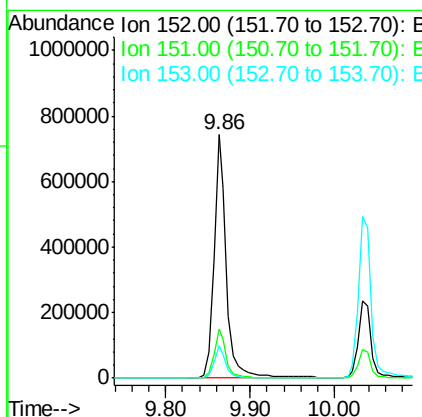
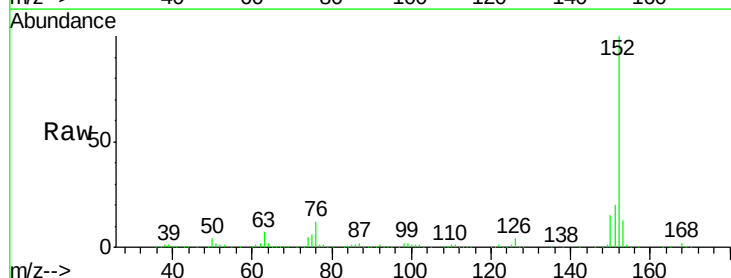
Manual Integrations
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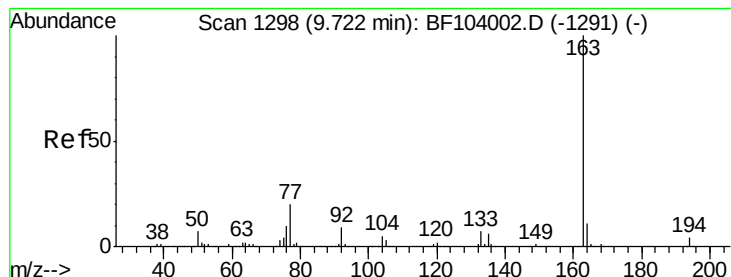
Sohil
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#48
Acenaphthylene
Concen: 33.018 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.3	10.7	16.1





#49

Dimethylphthalate

Concen: 39.260 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

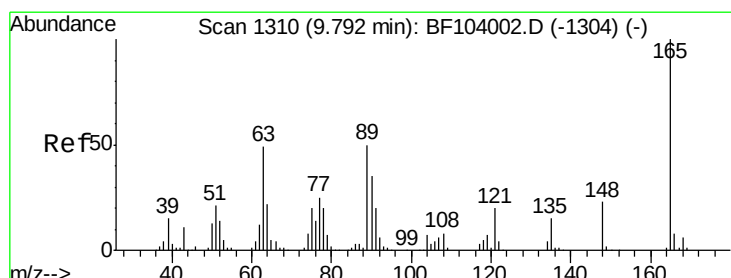
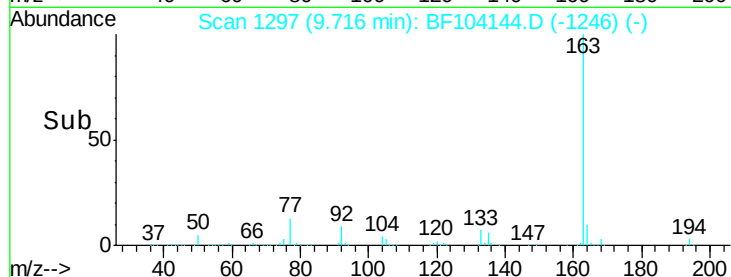
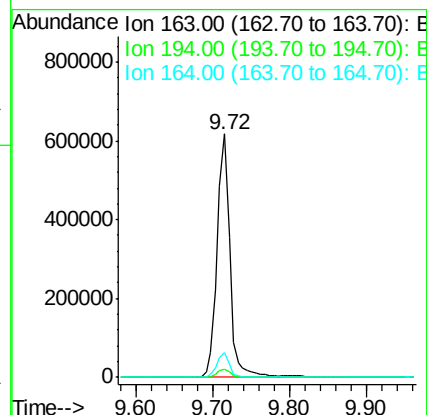
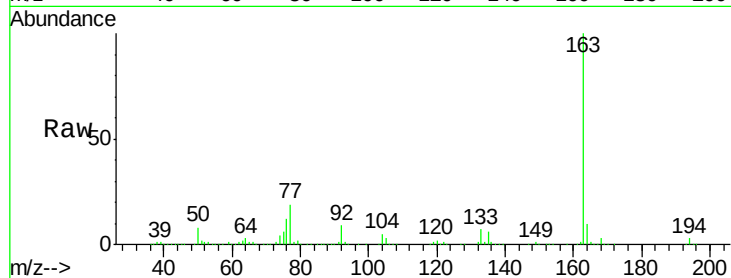
ClientSampleId :

SB-102(11-12)MSD

Tot Ion:	163	Resp:	709934
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 34.012 ng

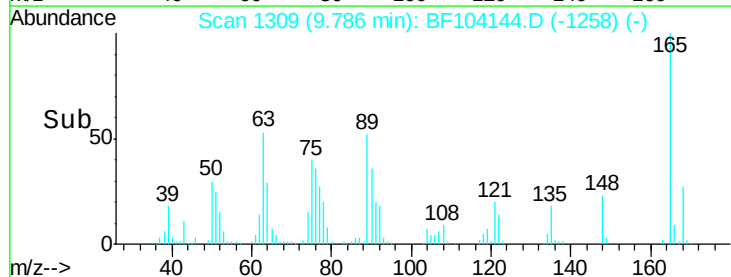
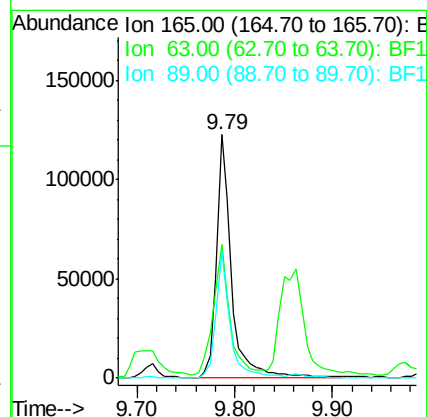
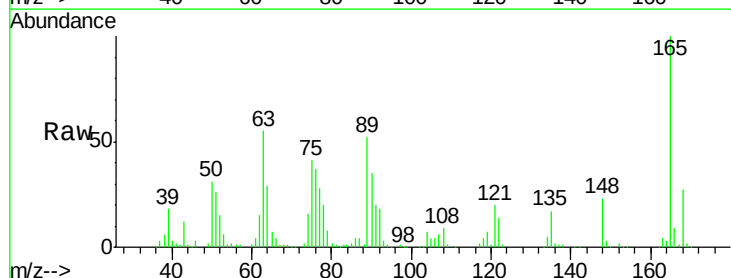
RT: 9.79 min Scan# 1309

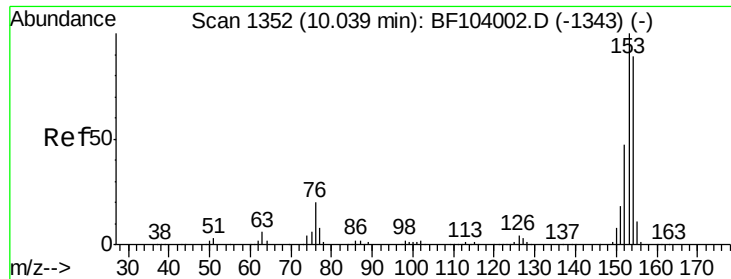
Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Tgt Ion:	165	Resp:	132319
Ion Ratio	Lower	Upper	
165	100		
63	54.9	44.7	67.1
89	52.4	44.0	66.0





#51

Acenaphthene

Concen: 32.097 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

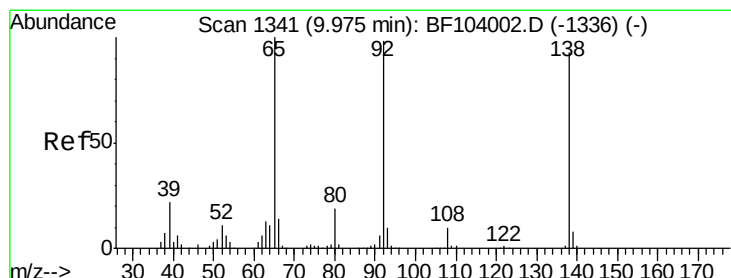
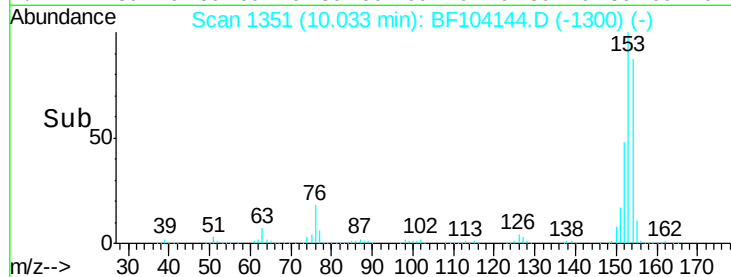
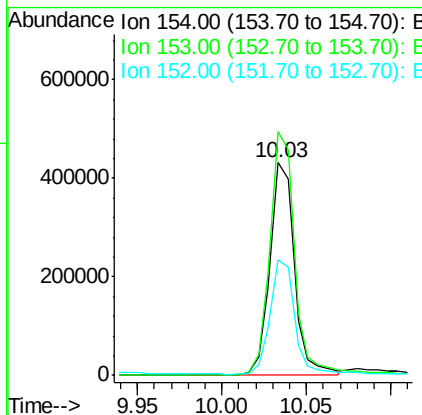
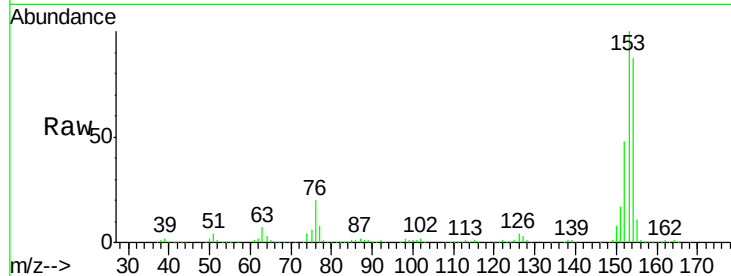
ClientSampleId :

SB-102(11-12)MSD

Tot Ion:	154	Resp:	436171
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.2	136.8
152	54.6	43.8	65.8

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#52

3-Nitroaniline

Concen: 19.638 ng

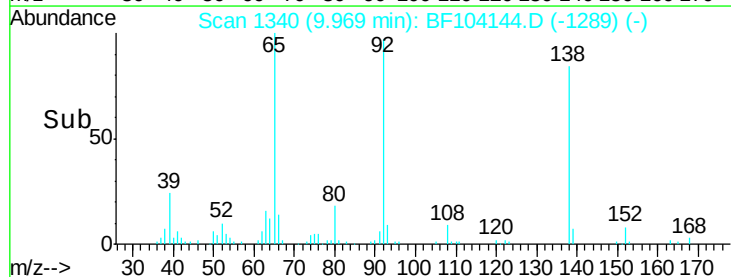
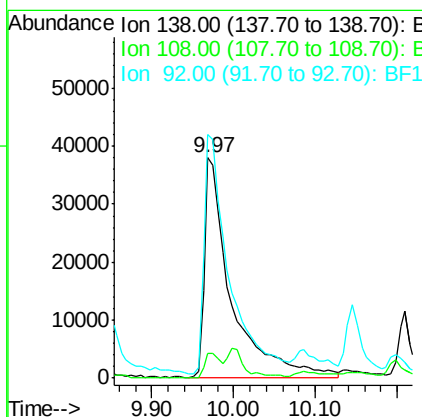
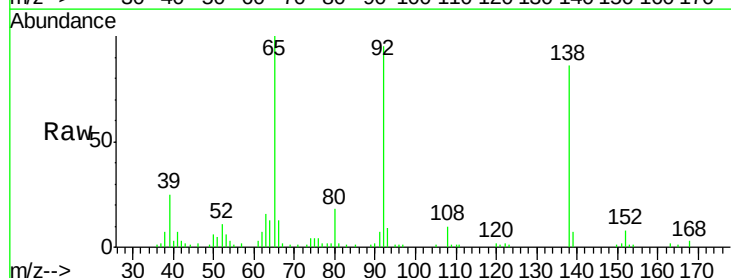
RT: 9.97 min Scan# 1340

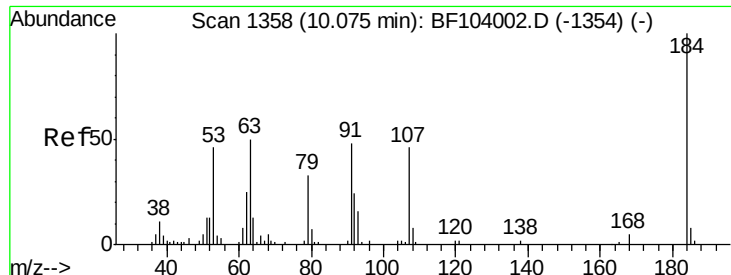
Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Tgt Ion:	138	Resp:	87826
Ion Ratio	Lower	Upper	
138	100		
108	11.4	9.4	14.0
92	110.5	89.4	134.2





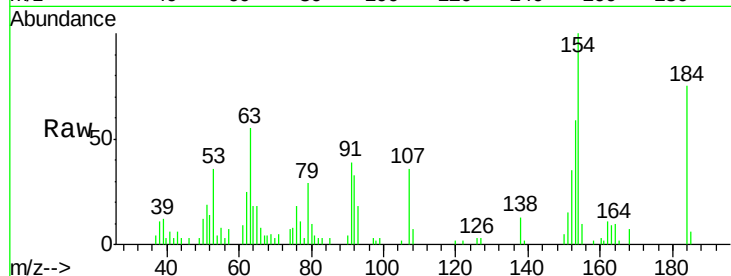
#53
 2,4-Dinitrophenol
 Concen: 18.397 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MSD

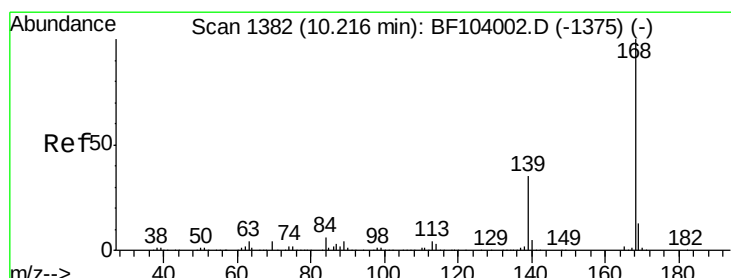
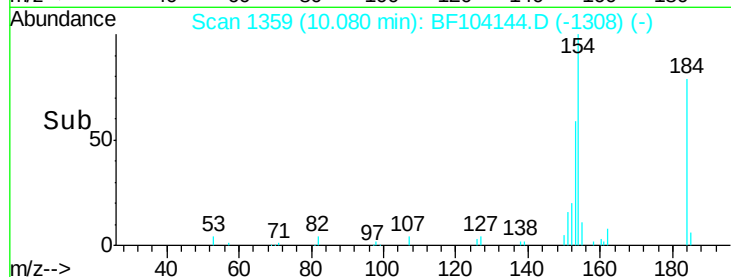
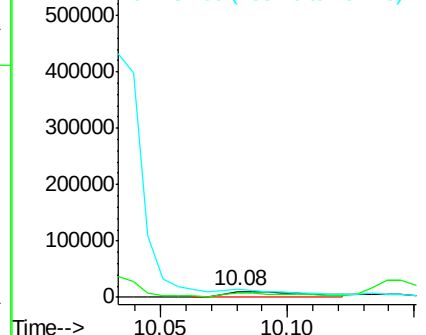
Tot Ion	Ratio	Lower	Upper
184	100		
63	73.1	54.2	81.2
154	133.1	184.0	276.0#

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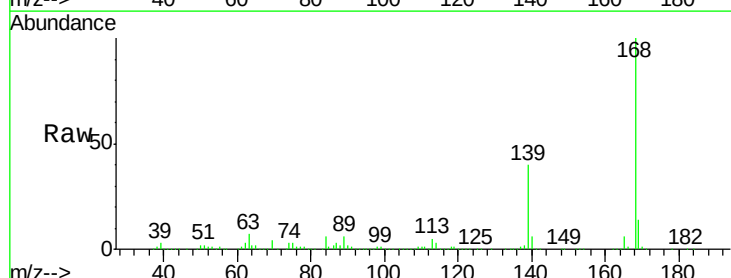


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

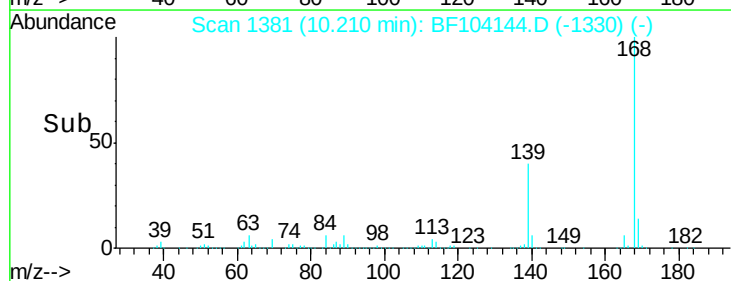
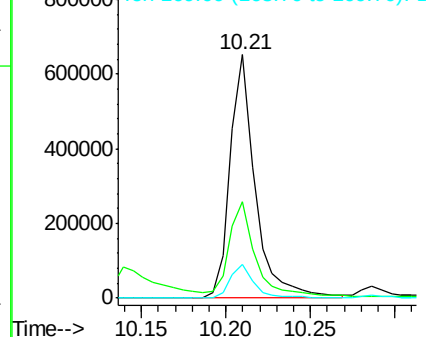


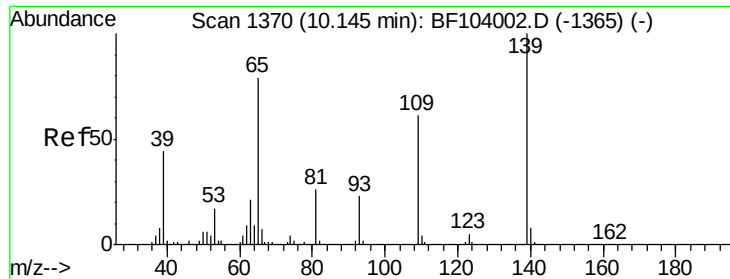
#54
 Dibenzofuran
 Concen: 34.251 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.1	45.1
169	13.7	10.9	16.3



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





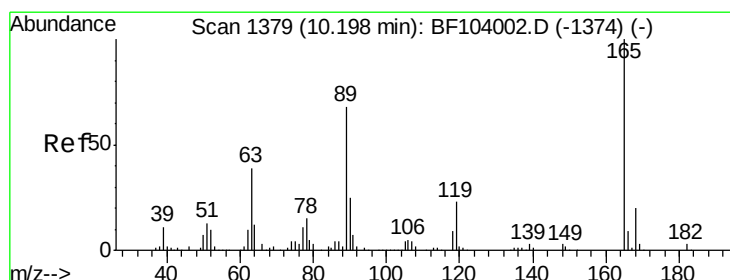
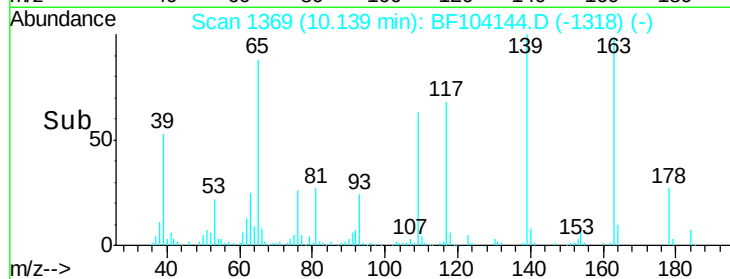
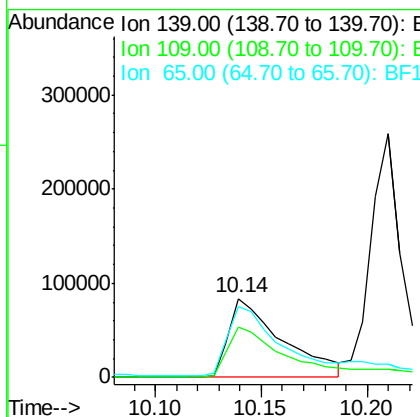
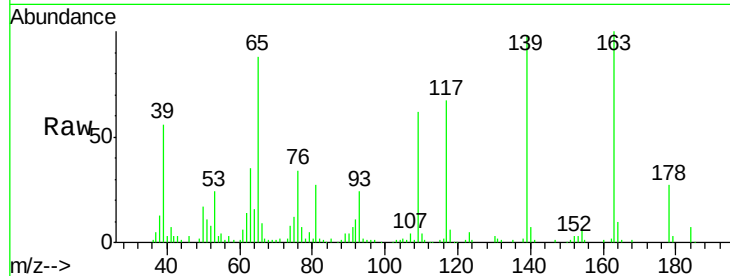
#55
4-Nitrophenol
Concen: 54.669 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	146596		
109	63.4	48.4	88.4	
65	89.6	72.6	112.6	

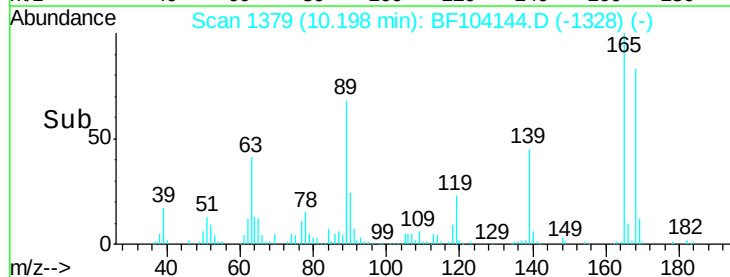
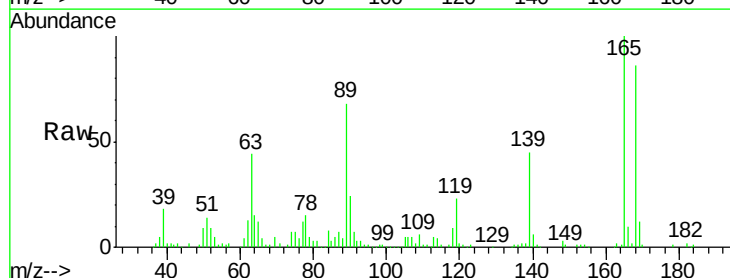
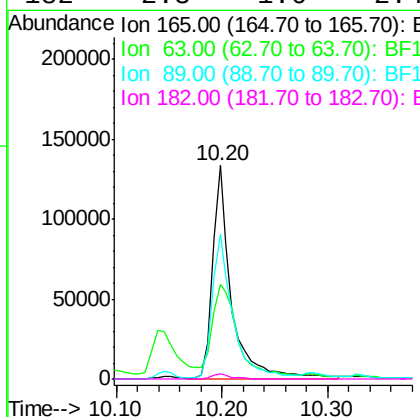
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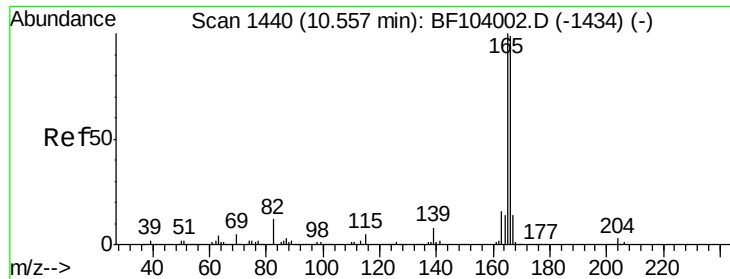
Sohil
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#56
2,4-Dinitrotoluene
Concen: 33.414 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	165875		
63	44.2	36.4	54.6	
89	67.7	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 33.529 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)MSD

Tot Ion:166 Resp: 548848

Ion Ratio Lower Upper

166 100

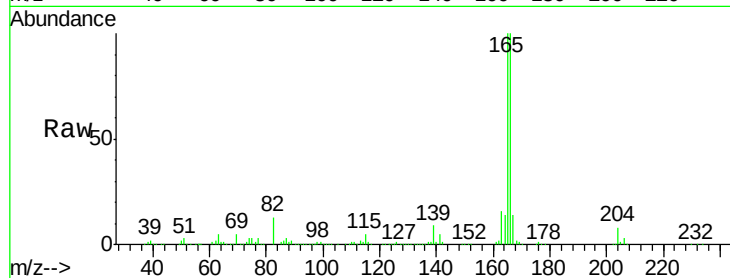
165 100.1 79.8 119.8

167 13.6 10.6 16.0

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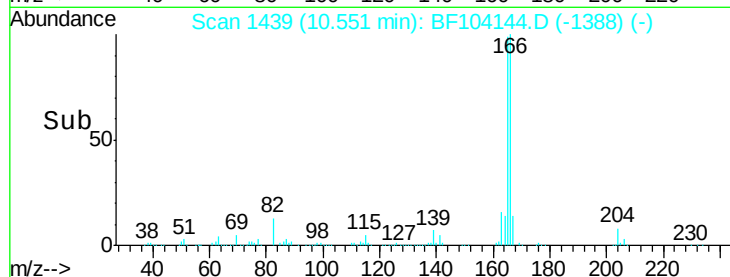
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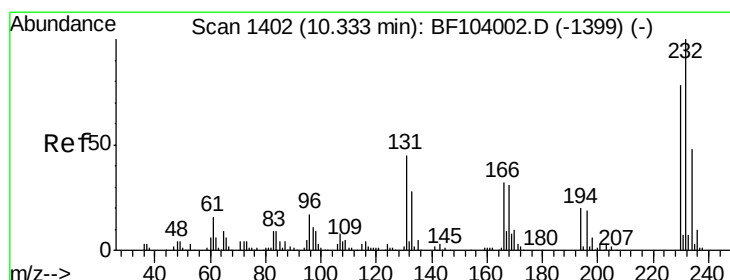


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

10.55



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.365 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Tgt Ion:232 Resp: 150324

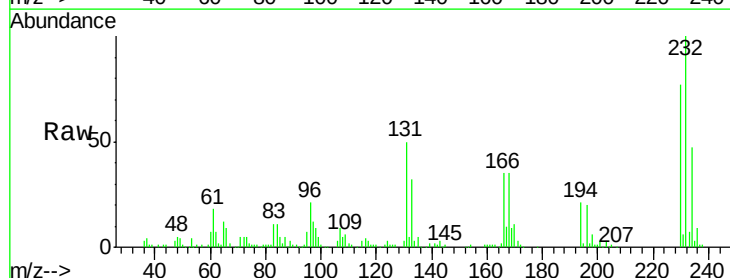
Ion Ratio Lower Upper

232 100

131 40.1 43.8 65.8#

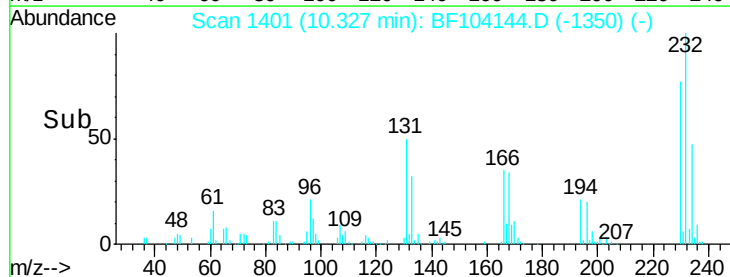
130 2.0 2.1 3.1#

166 27.1 27.8 41.6#

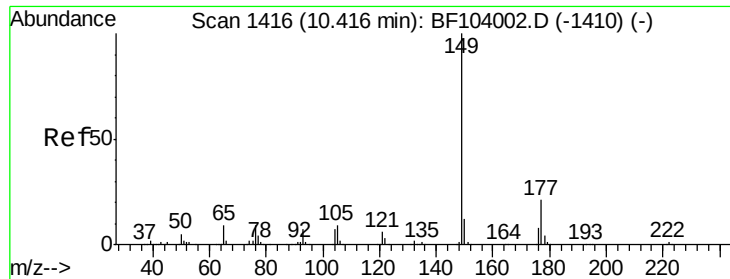


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

10.33



Time-->



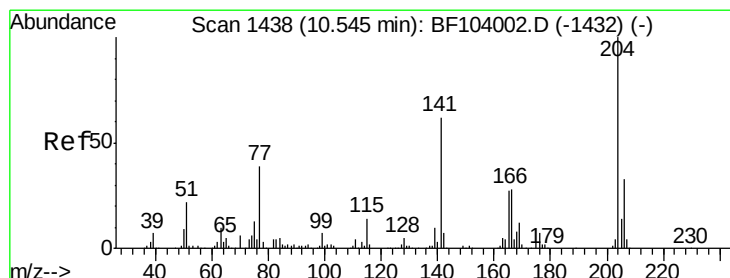
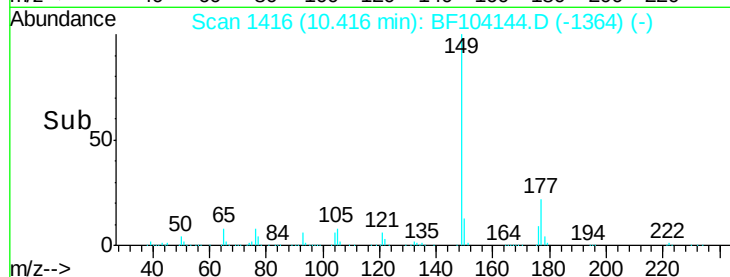
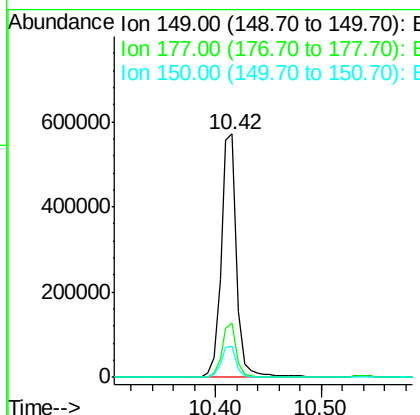
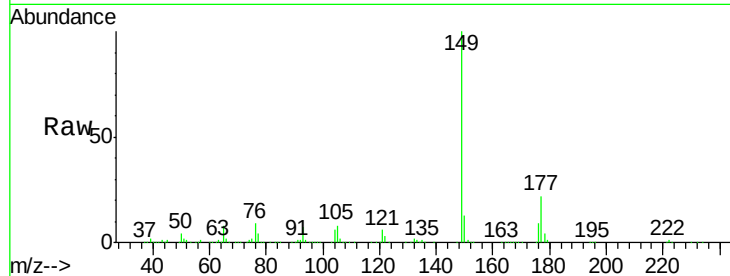
#59
Diethylphthalate
Concen: 33.818 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.1	24.1
150	12.6	10.1	15.1

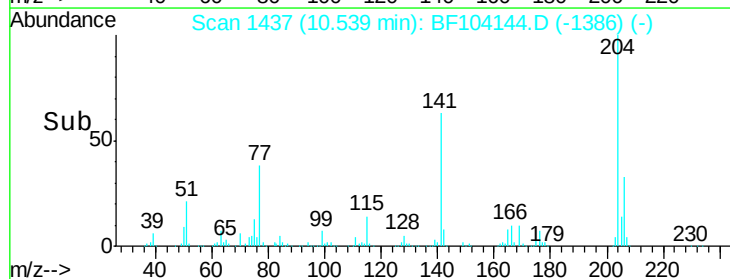
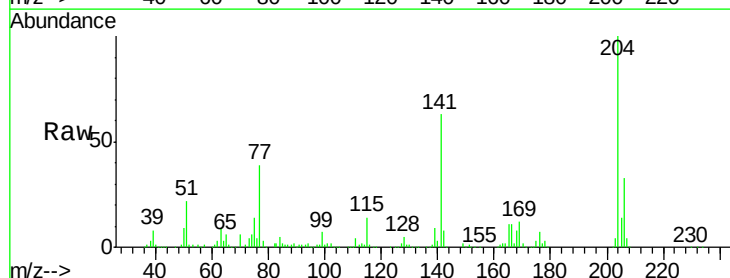
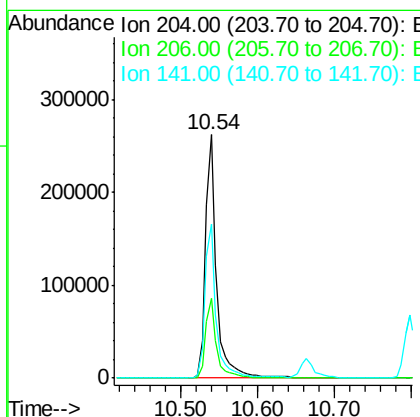
Manual Integrations
APPROVED

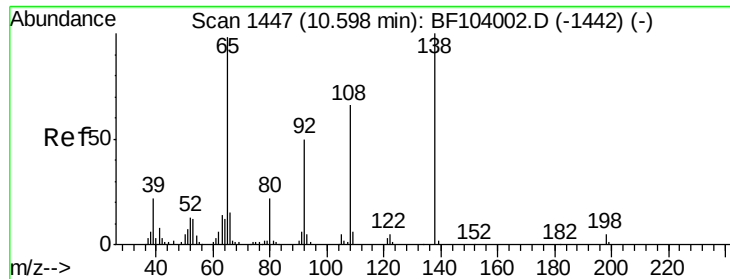
Sohil
4/3/2018 2:27:22 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.106 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	63.2	54.6	81.8





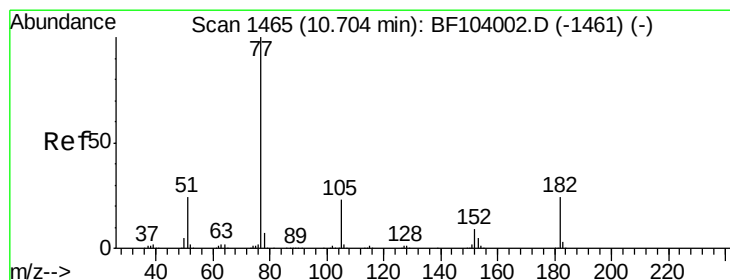
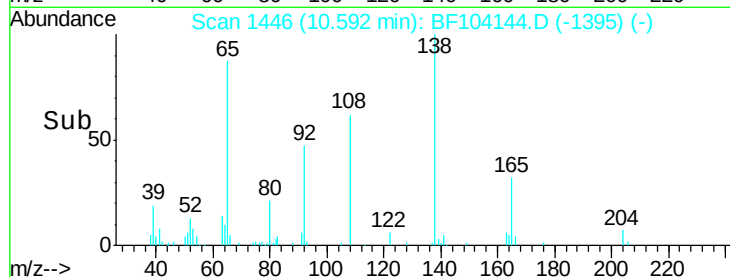
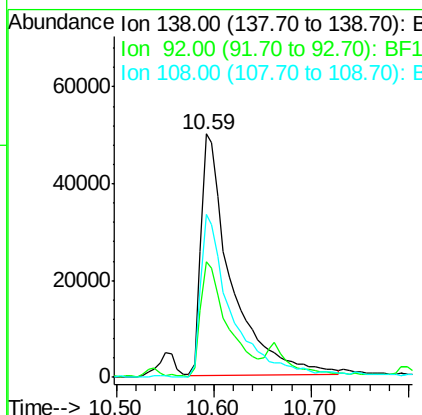
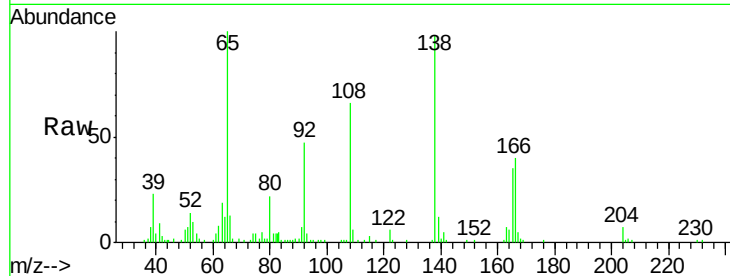
#61
4-Nitroaniline
Concen: 25.607 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.4	30.2	70.2
108	67.0	52.5	92.5

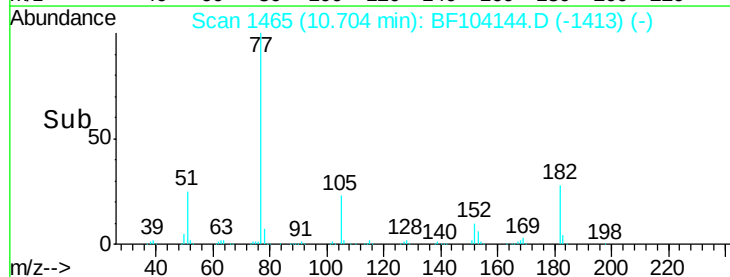
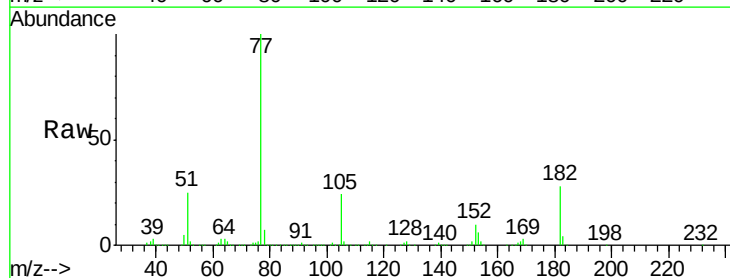
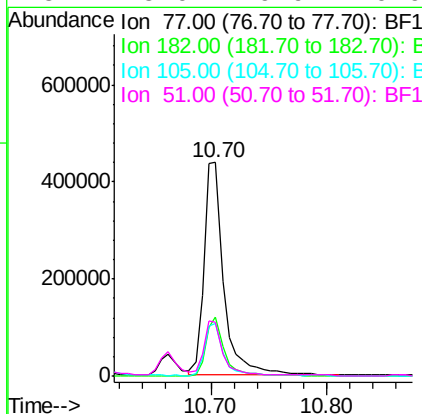
Manual Integrations
APPROVED

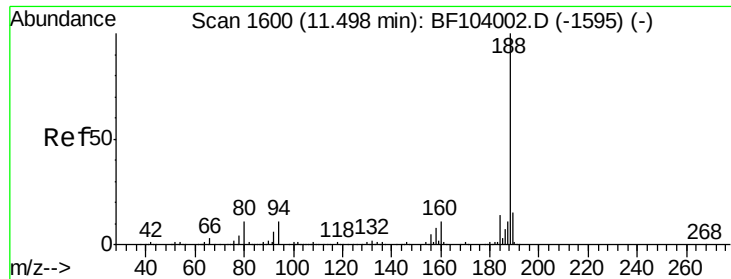
Sohil
4/3/2018 2:27:22 PM



#62
Azobenzene
Concen: 33.503 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	1.7	41.7
105	24.4	3.0	43.0
51	25.0	9.9	49.9





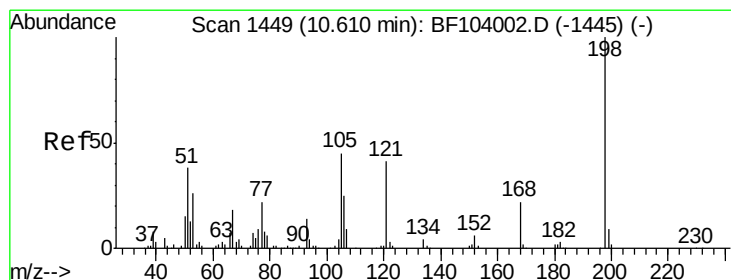
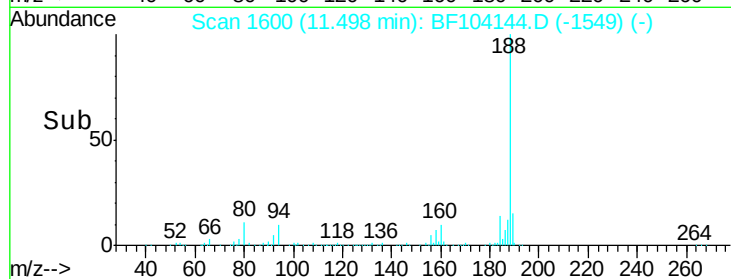
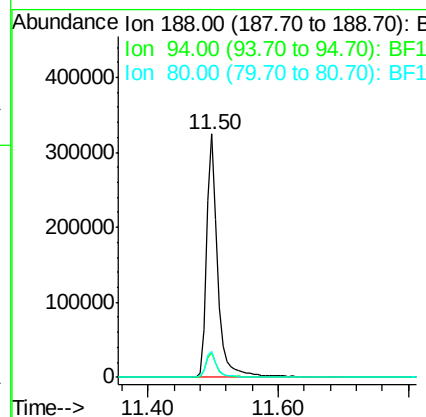
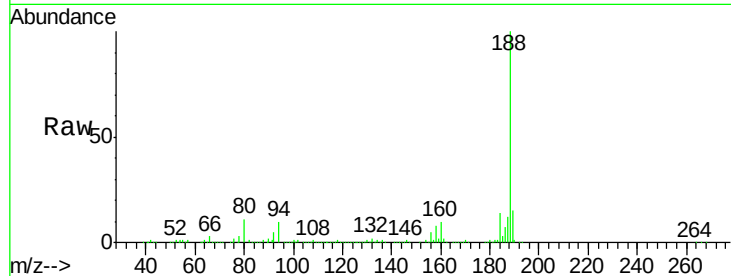
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	382463		
94	9.9		8.5	12.7
80	10.8		9.2	13.8

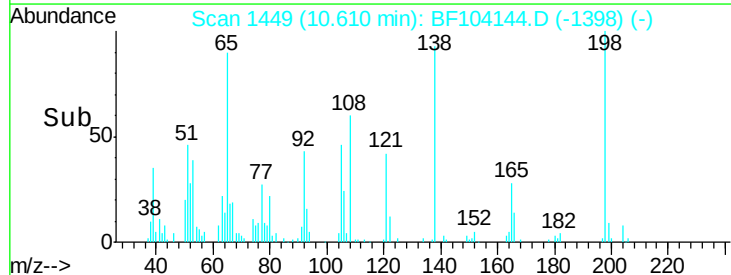
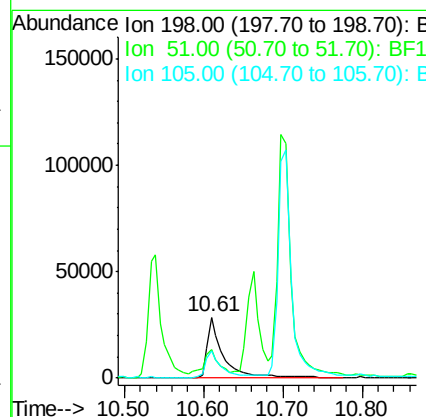
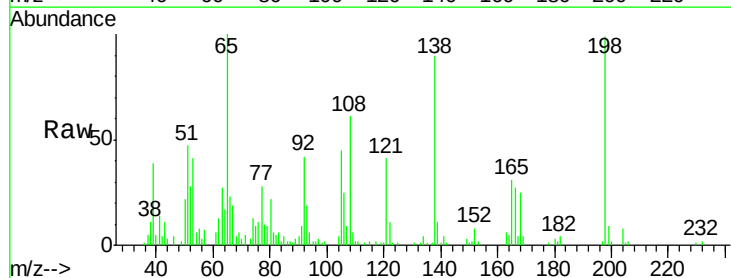
Manual Integrations
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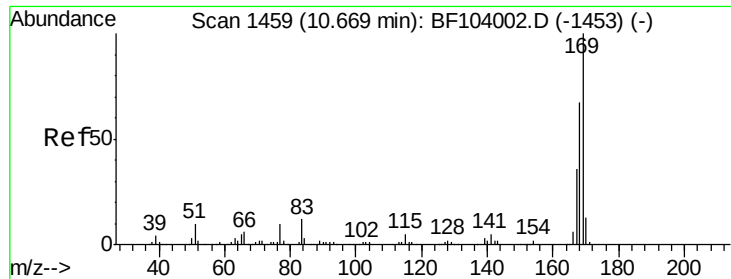
Sohil
4/3/2018 2:27:22 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 18.097 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	41897		
51	47.1		37.7	77.7
105	45.8		36.3	76.3





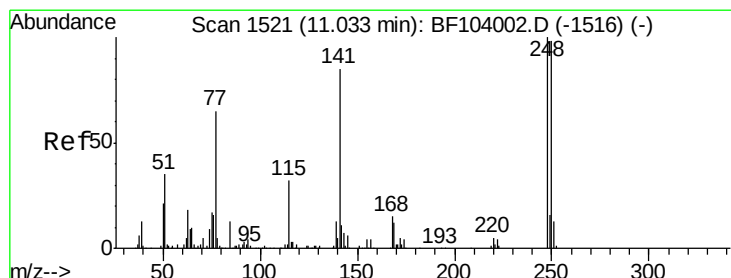
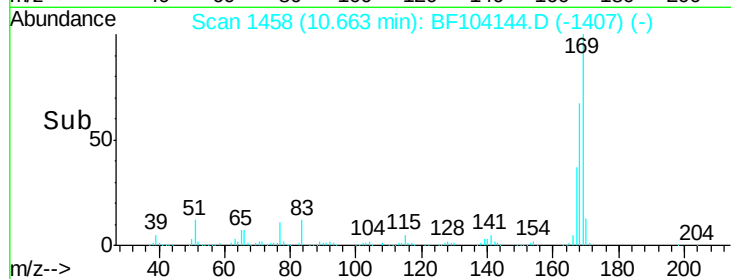
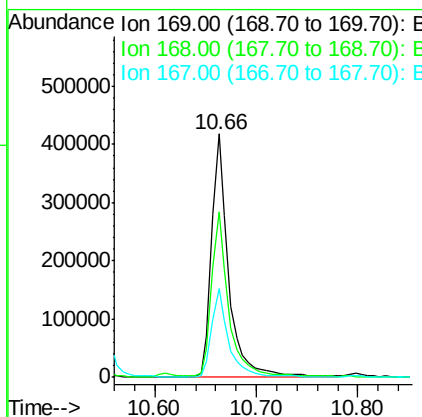
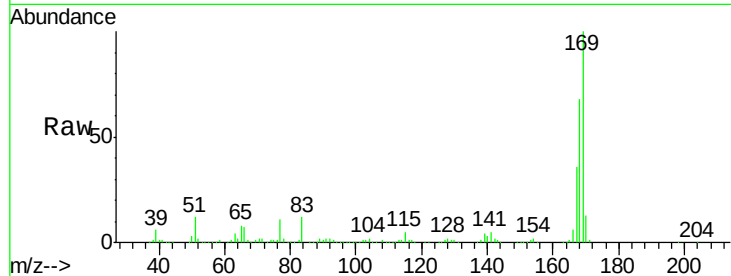
#65
 n-Nitrosodiphenylamine
 Concen: 37.780 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.4	81.6
167	36.5	29.8	44.6

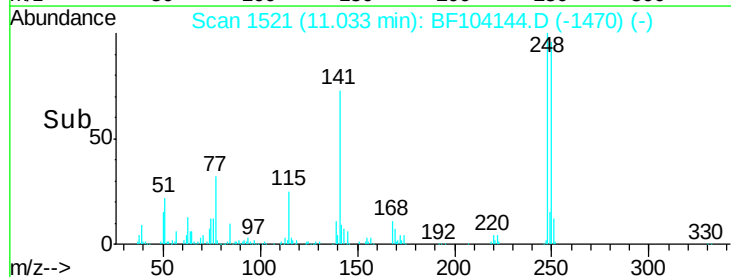
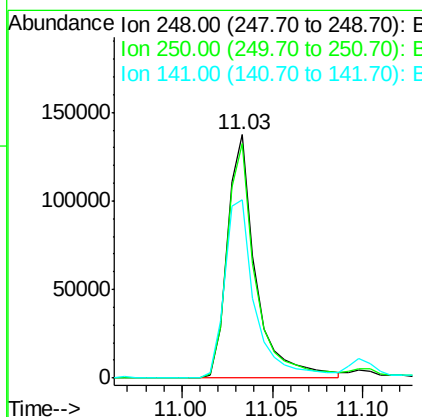
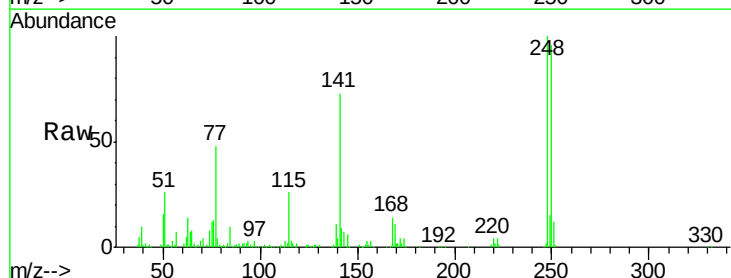
Manual Integrations
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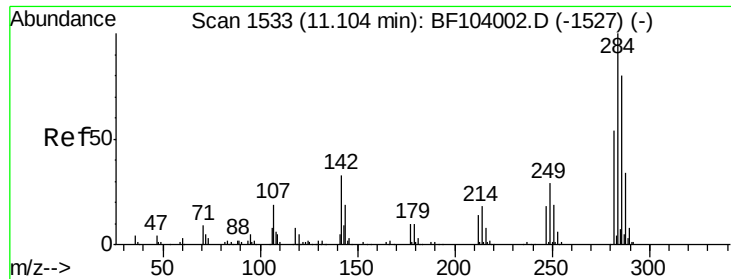
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 36.678 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.9	115.3
141	73.2	74.4	111.6





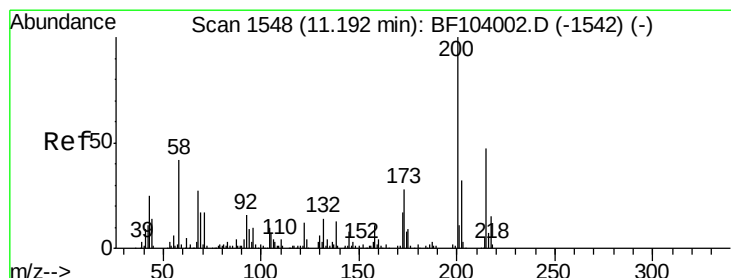
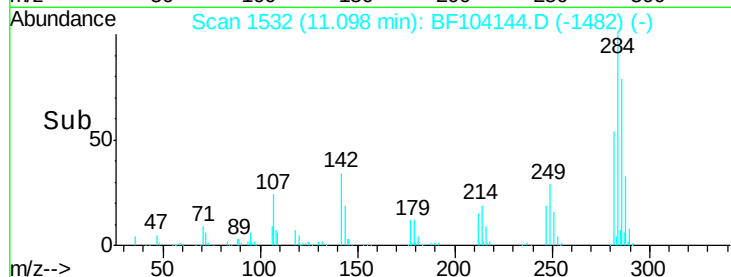
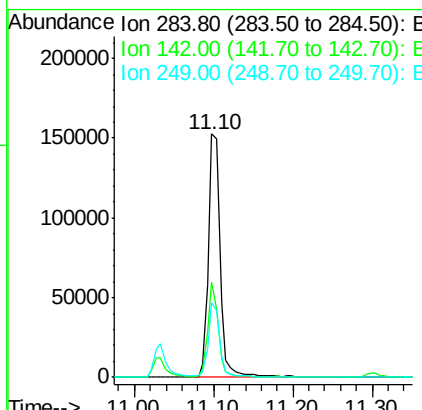
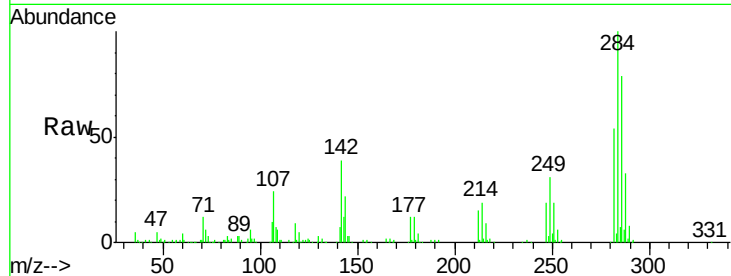
#67
Hexachlorobenzene
Concen: 34.280 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	161350		
142	39.1	34.6	52.0	
249	30.8	24.8	37.2	

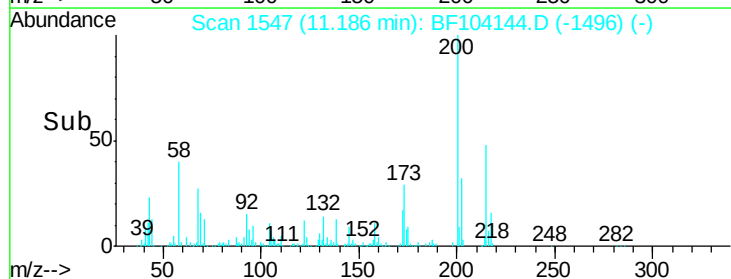
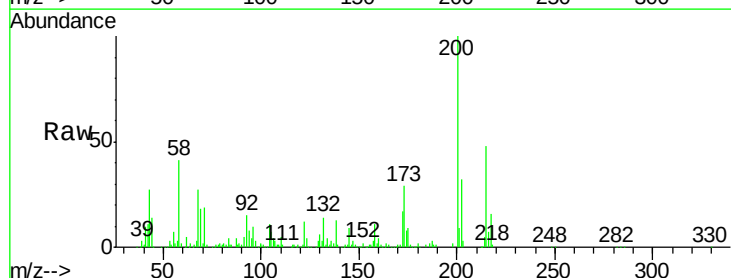
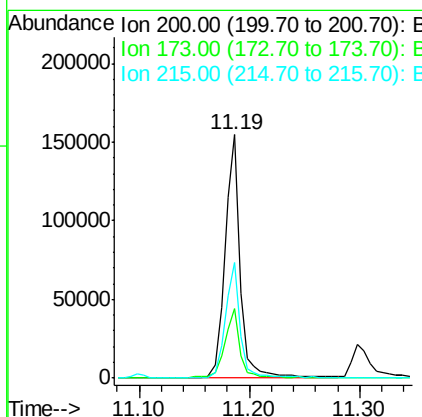
Manual Integrations
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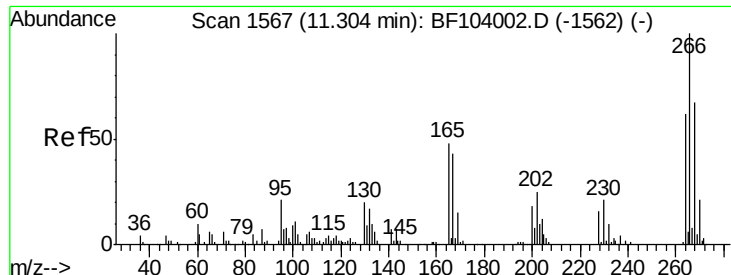
Sohil
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#68
Atrazine
Concen: 37.549 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	148999		
173	28.5	8.6	48.6	
215	47.7	25.1	65.1	





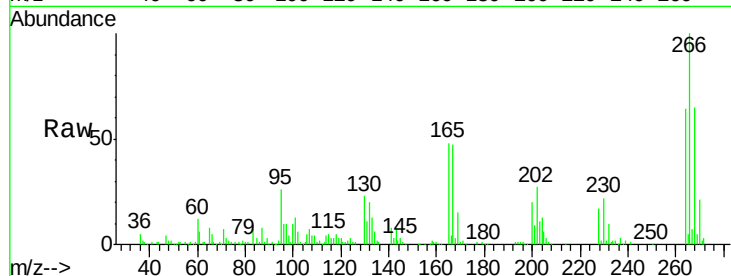
#69
 Pentachlorophenol
 Concen: 54.650 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MSD

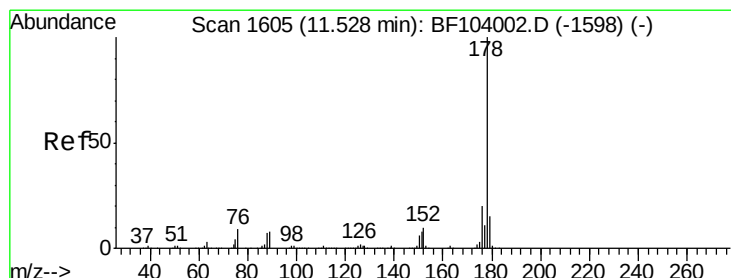
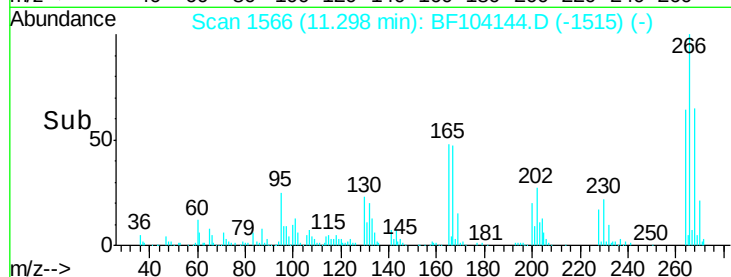
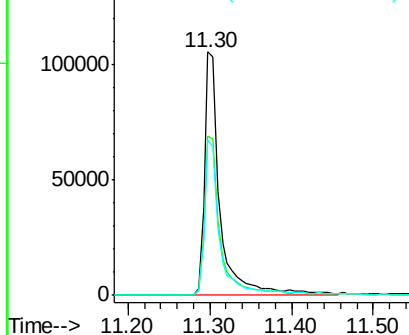
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.1	76.7
264	64.0	49.5	74.3

Manual Integrations
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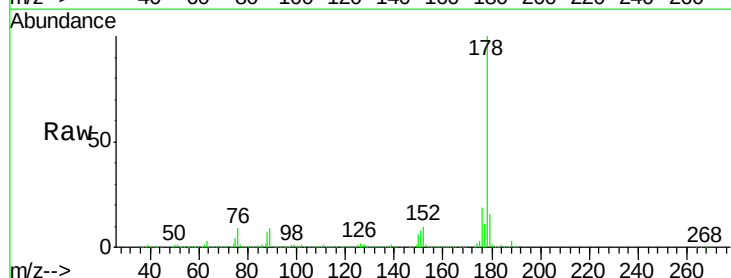


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

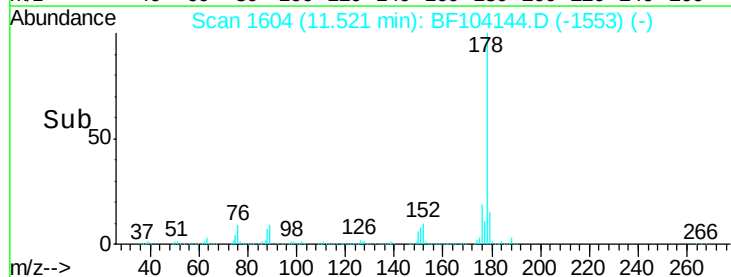
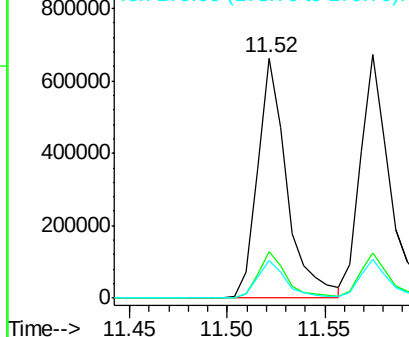


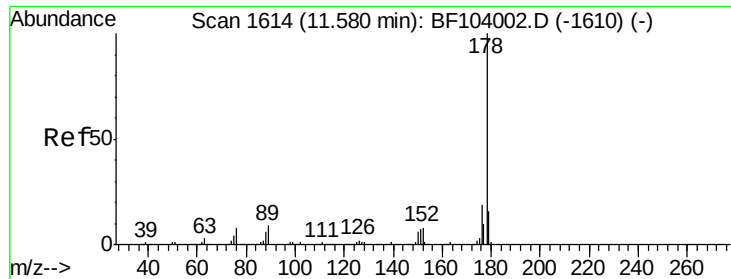
#70
 Phenanthrene
 Concen: 33.369 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.5	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





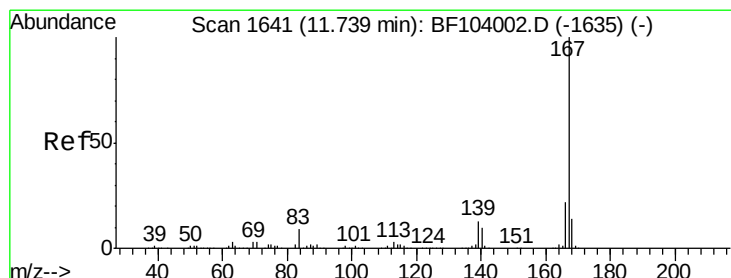
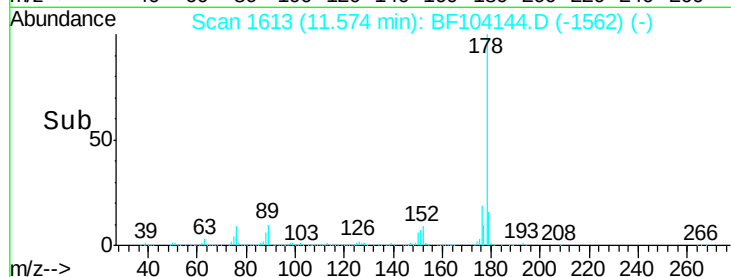
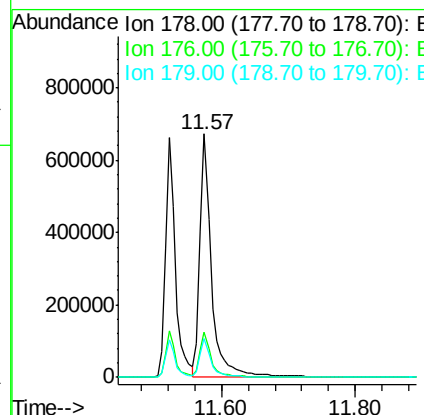
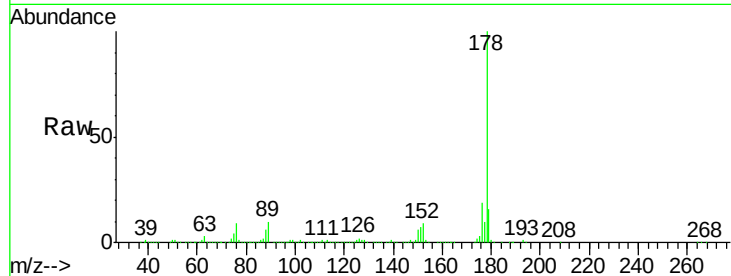
#71
 Anthracene
 Concen: 36.080 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.8	12.6	19.0

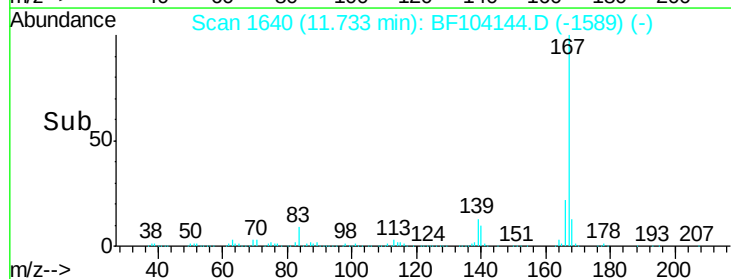
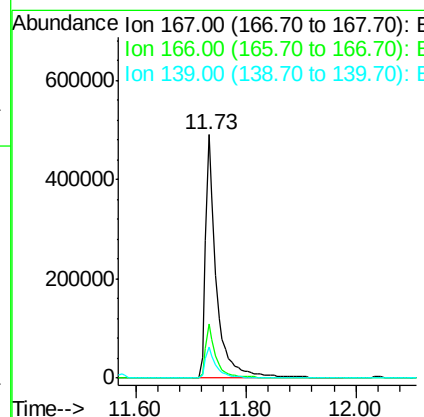
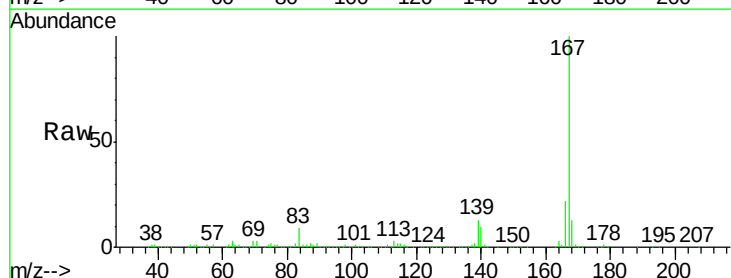
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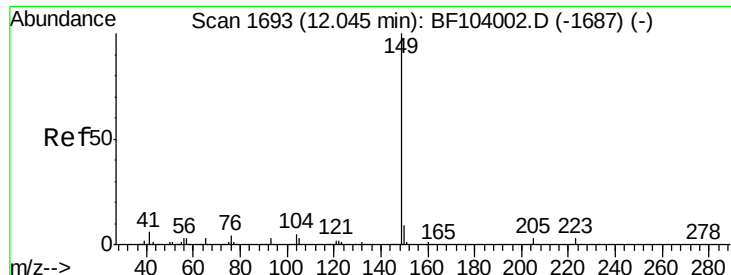
Sohil
 4/3/2018 2:27:22 PM



#72
 Carbazole
 Concen: 32.421 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 35.643 ng

RT: 12.04 min Scan# 1692

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

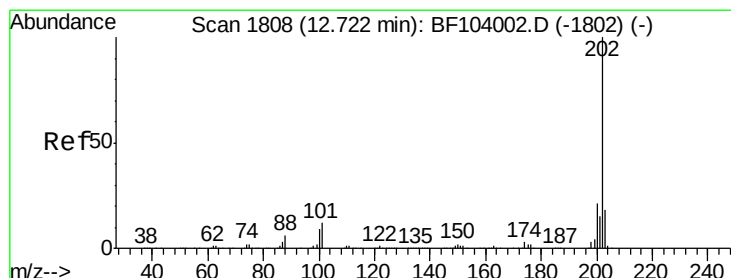
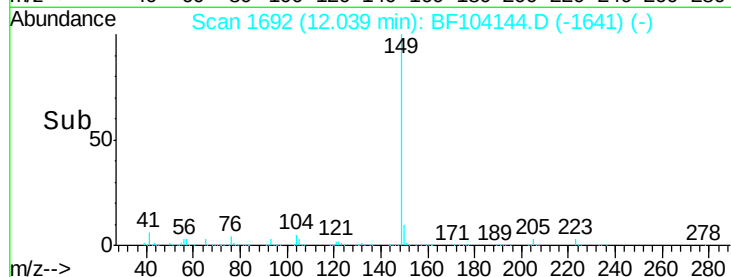
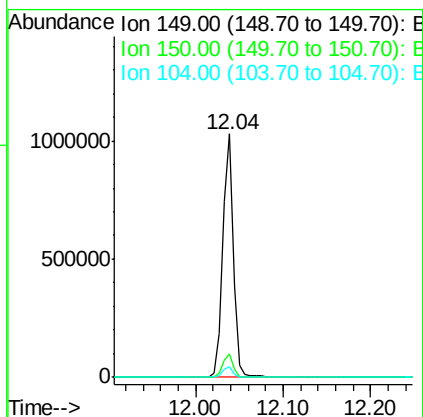
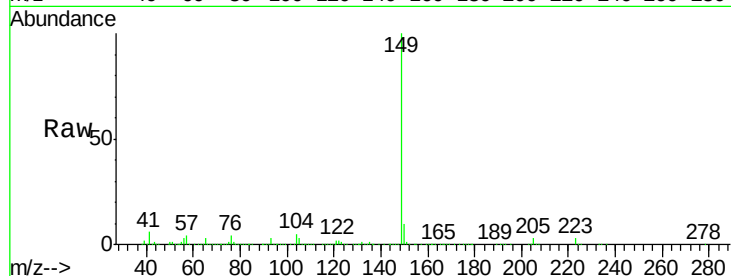
ClientSampleId :

SB-102(11-12)MSD

Tot Ion:	149	Resp:	876436
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.5	3.8	5.8

Manual Integrations
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4/3/2018 2:27:22 PM



#74

Fluoranthene

Concen: 28.421 ng

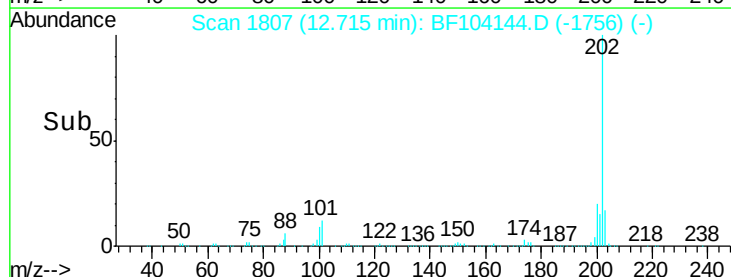
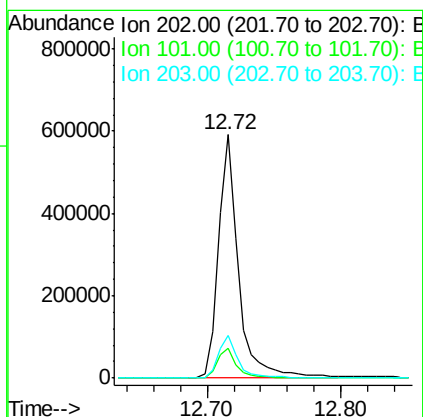
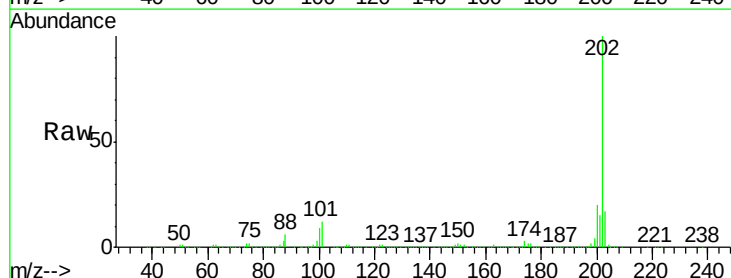
RT: 12.72 min Scan# 1807

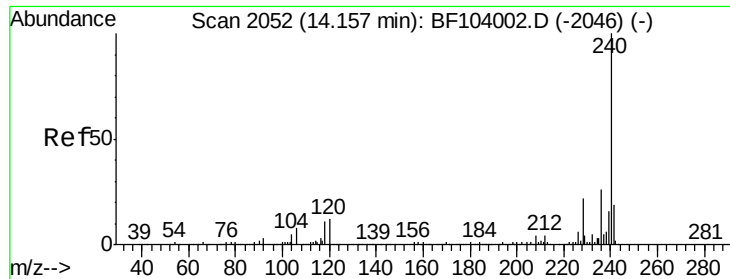
Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Tgt Ion:	202	Resp:	625561
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	34.1
203	17.4	0.0	38.1





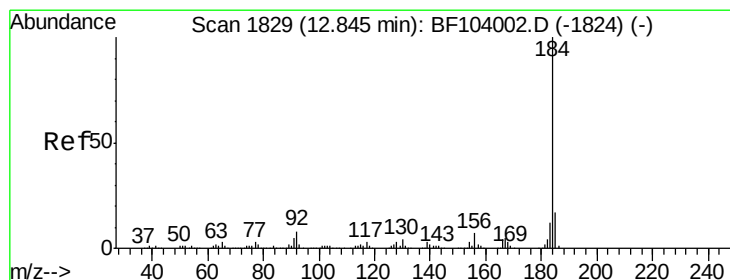
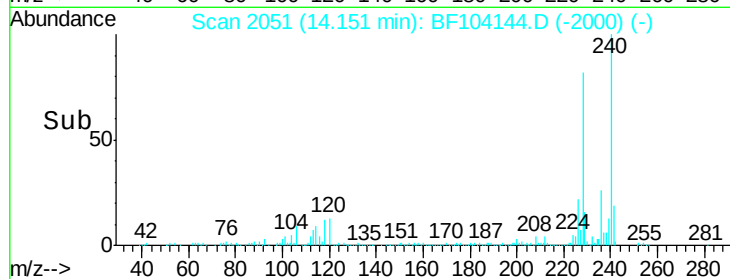
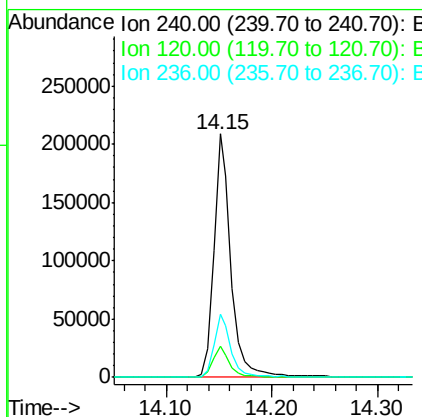
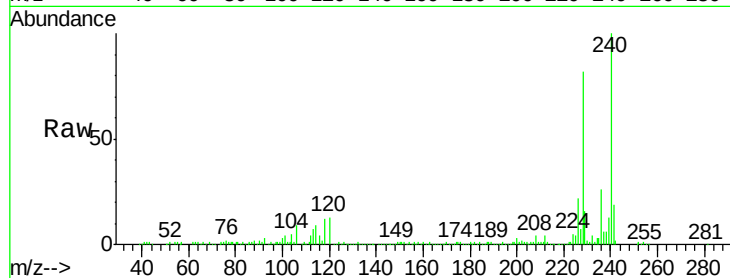
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	25.8	20.7	31.1

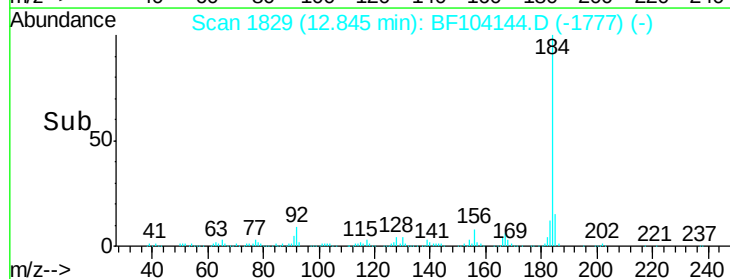
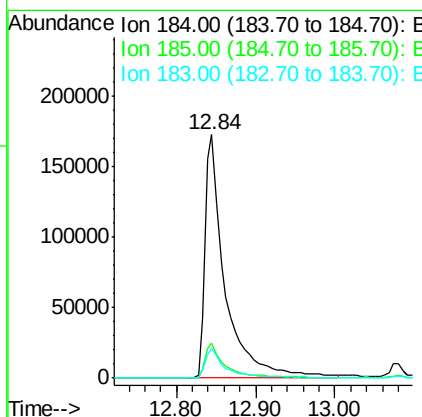
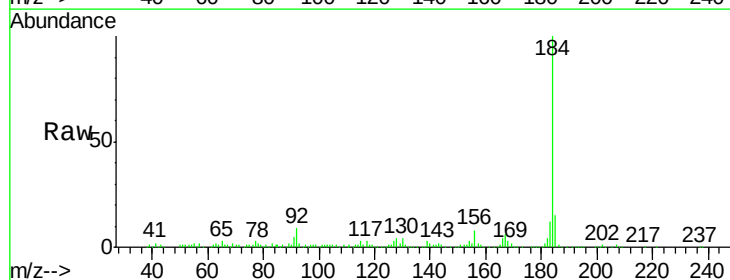
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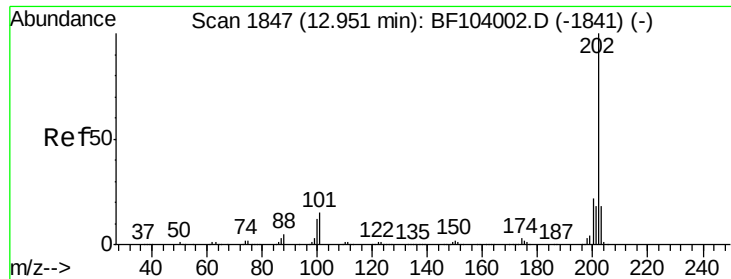
Sohil
4/3/2018 2:27:22 PM



#76
Benzidine
Concen: 45.046 ng
RT: 12.84 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.6	18.8
183	12.2	9.3	13.9





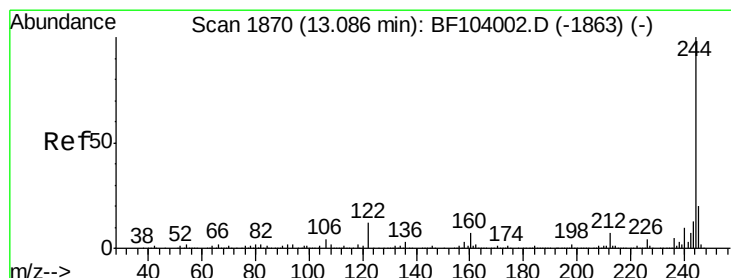
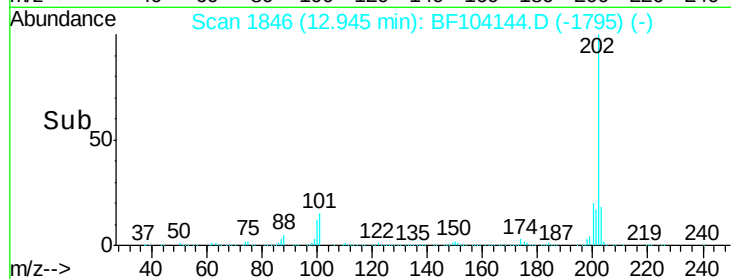
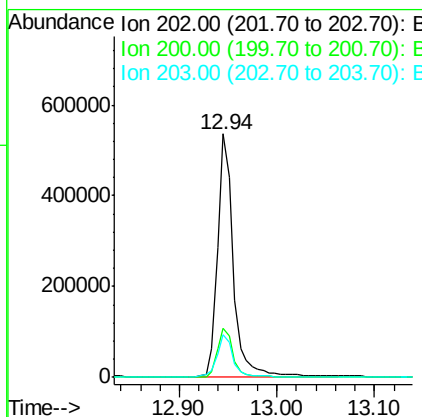
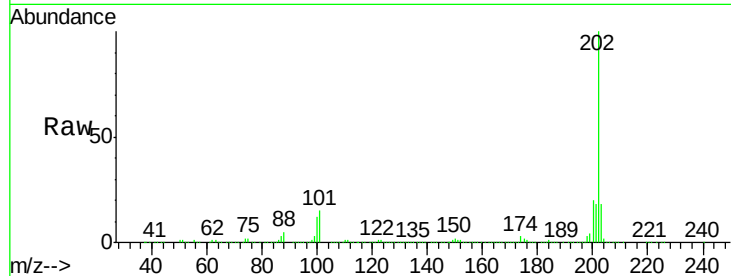
#77
Pvrene
Concen: 35.071 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	601696		
200	20.3		17.4	26.2
203	17.7		14.3	21.5

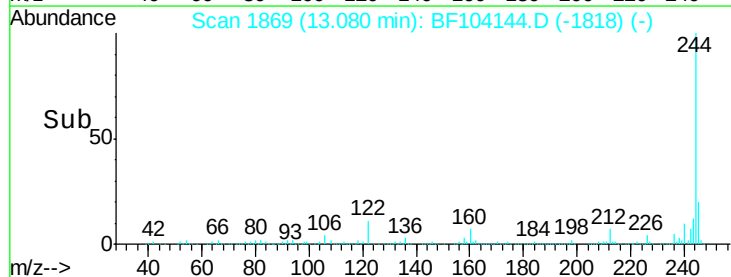
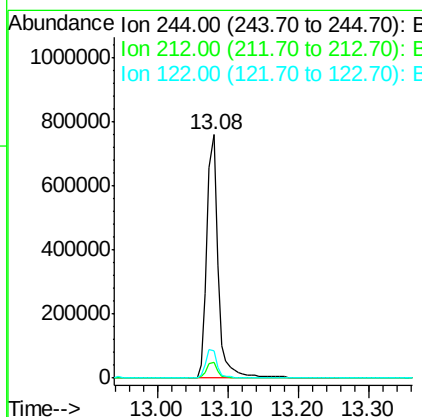
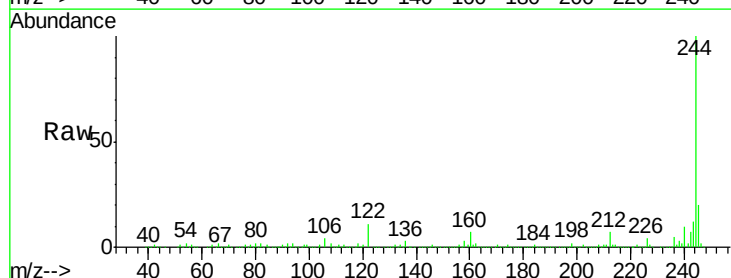
Manual Integrations
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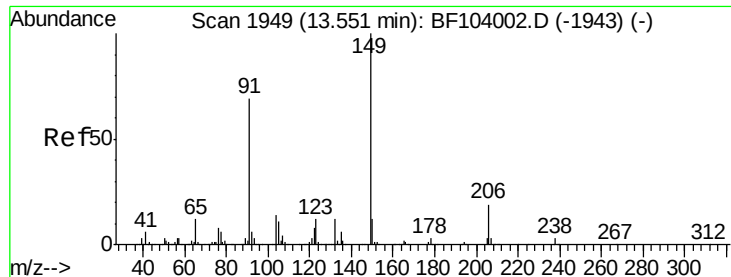
Sohil
4/3/2018 2:27:22 PM



#78
Terphenyl-d14
Concen: 82.129 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	848916		
212	6.6		5.4	8.0
122	11.3		11.0	16.4





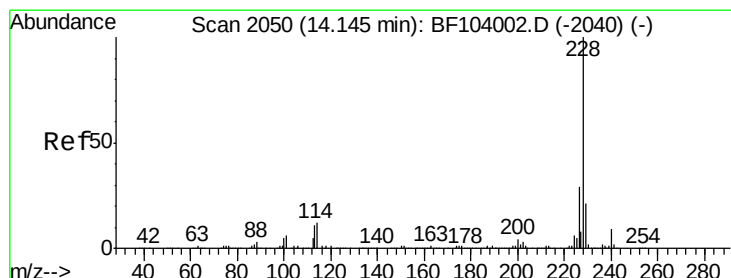
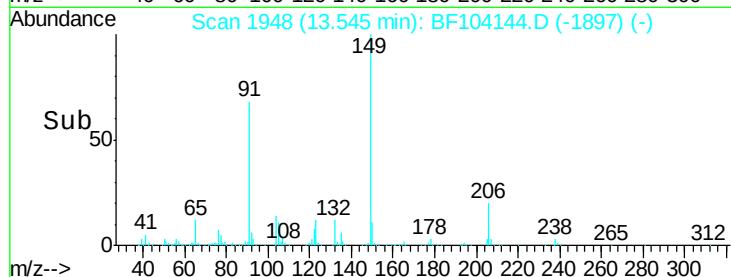
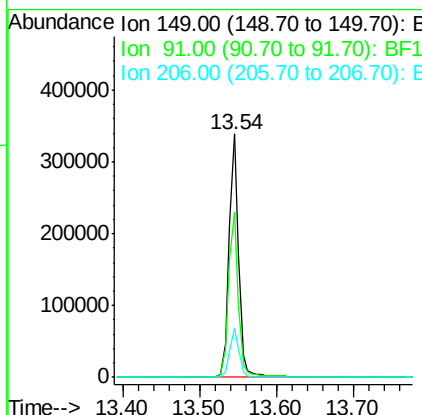
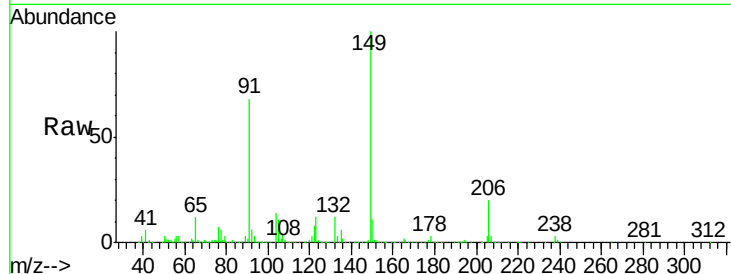
#79
Butylbenzylphthalate
Concen: 36.612 ng
RT: 13.54 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	295925		
91	67.8	56.8	85.2	
206	20.0	14.1	21.1	

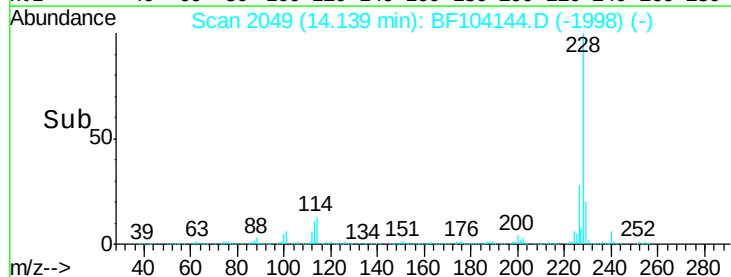
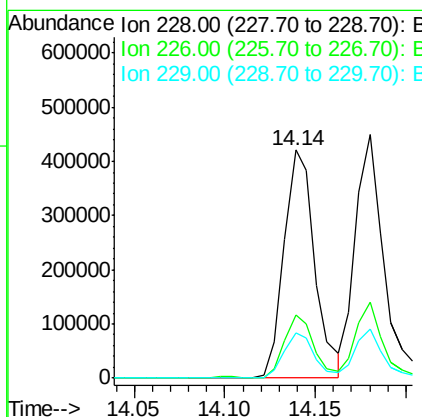
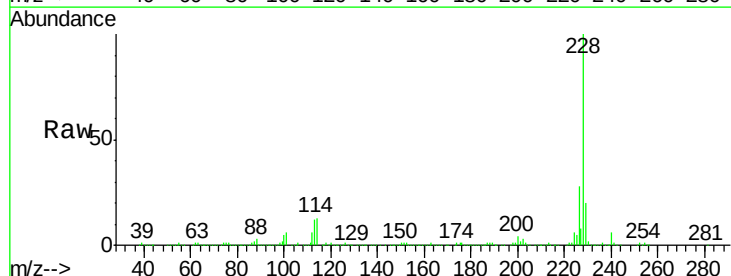
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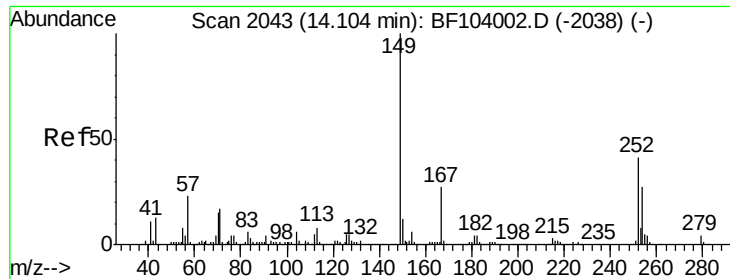
Sohil
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#80
Benzo(a)anthracene
Concen: 33.468 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	499792		
226	27.6	22.6	33.8	
229	19.8	15.8	23.6	





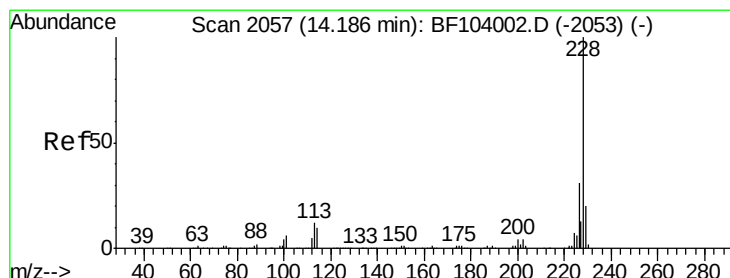
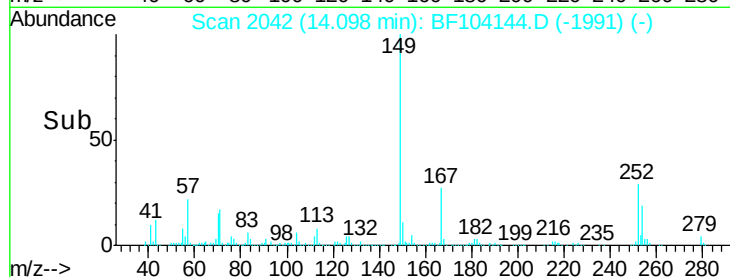
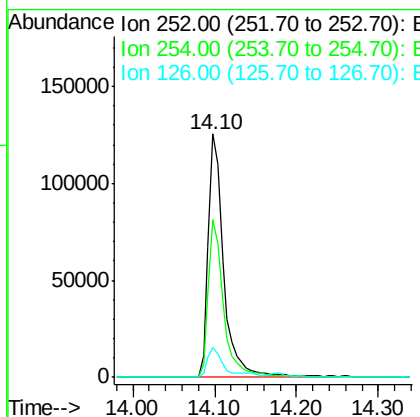
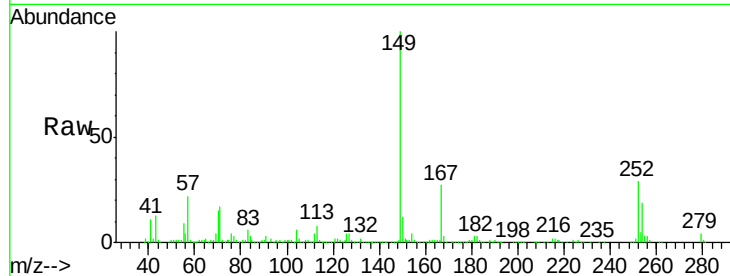
#81
 3,3'-Dichlorobenzidine
 Concen: 33.629 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	166230		
254	64.8	50.4	75.6	
126	12.2	11.3	16.9	

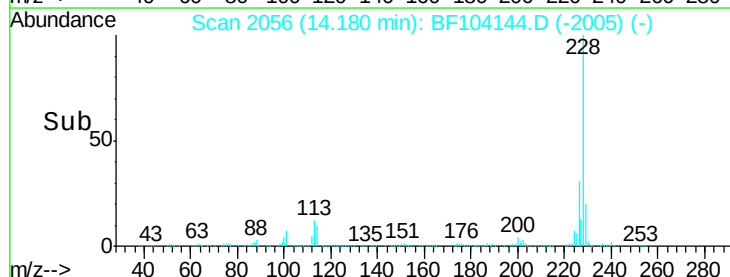
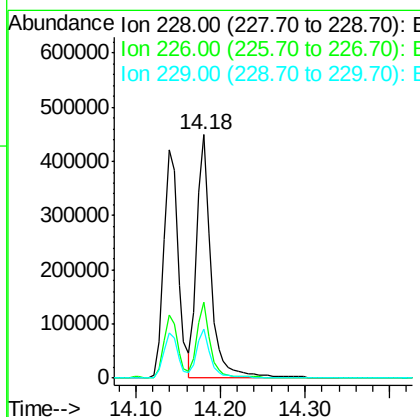
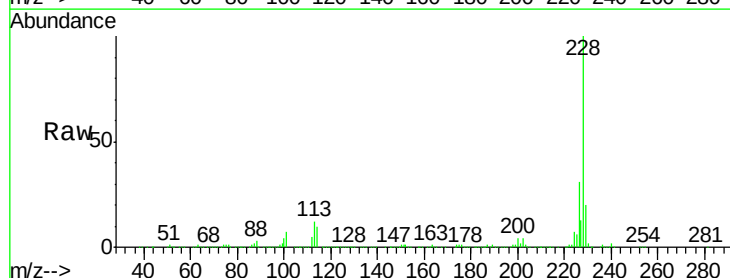
Manual Integrations
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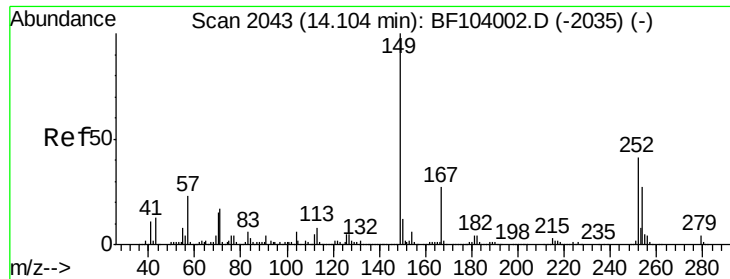
Sohil
 4/3/2018 2:27:22 PM



#82
 Chrysene
 Concen: 35.368 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	517314		
226	31.0	25.0	37.6	
229	20.2	16.2	24.4	





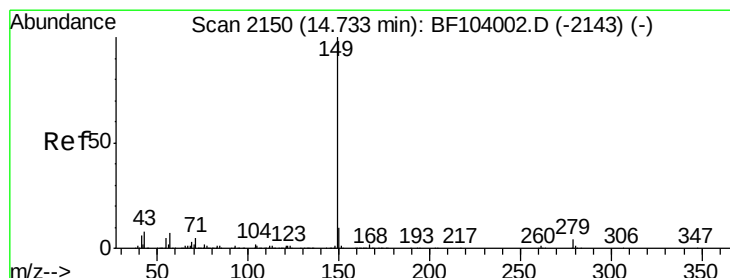
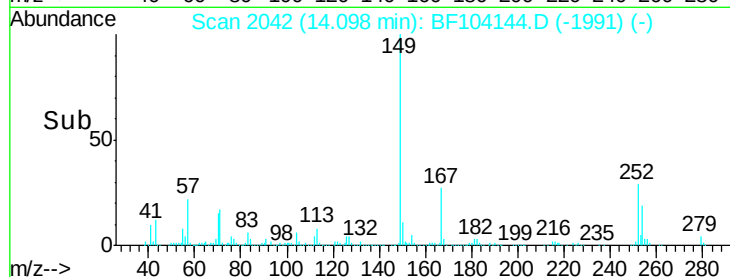
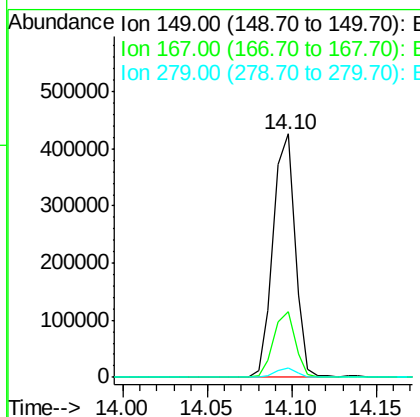
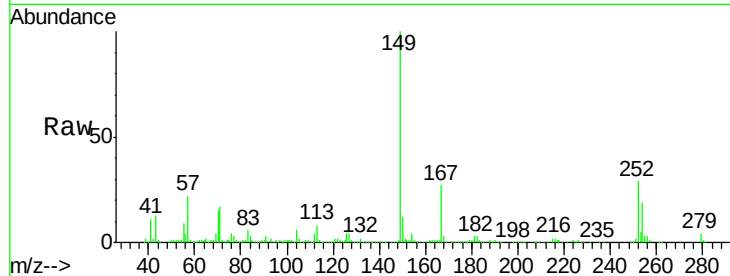
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.900 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	385365		
167	27.0		21.3	31.9
279	4.0		3.0	4.4

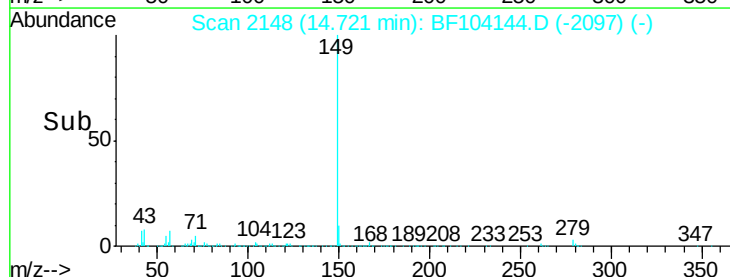
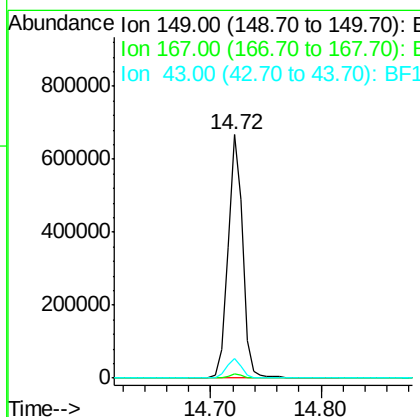
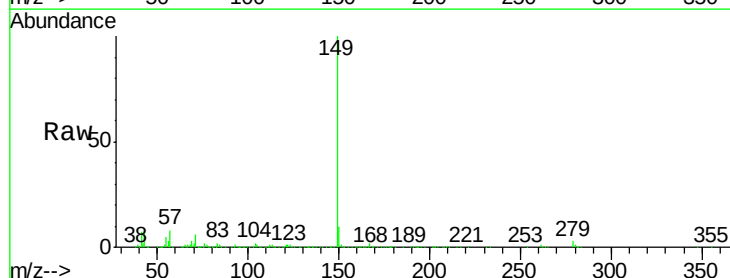
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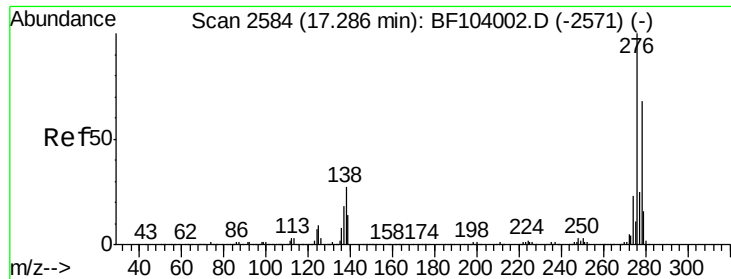
Sohil
 4/3/2018 2:27:22 PM



#84
 Di-n-octyl phthalate
 Concen: 34.385 ng
 RT: 14.72 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BF104144.D
 Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	617711		
167	1.4		1.2	1.8
43	8.0		8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.646 ng

RT: 17.29 min Scan# 2584

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

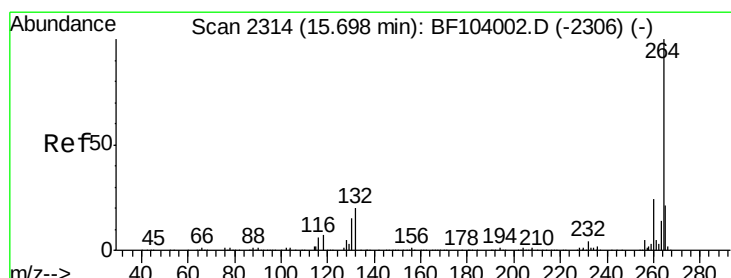
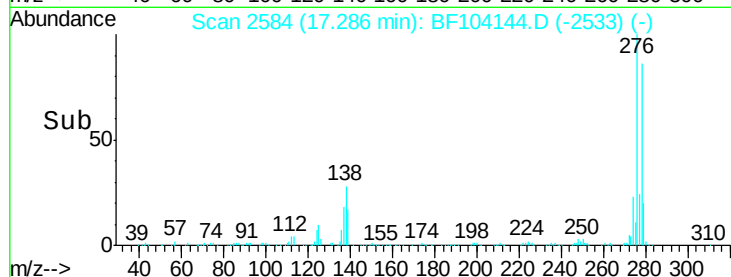
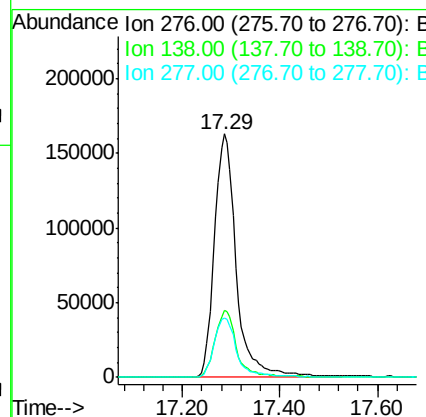
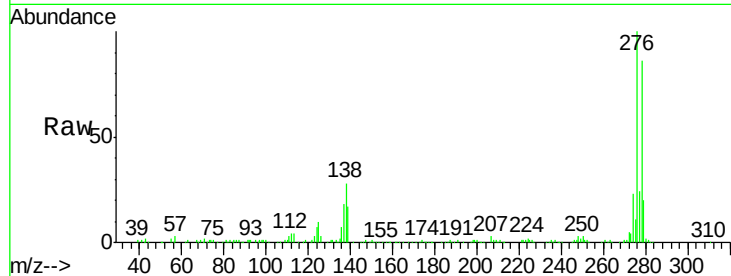
ClientSampleId :

SB-102(11-12)MSD

Tot Ion:	276	Resp:	509971
Ion Ratio	Lower	Upper	
276	100		
138	27.2	25.0	37.6
277	25.0	20.1	30.1

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

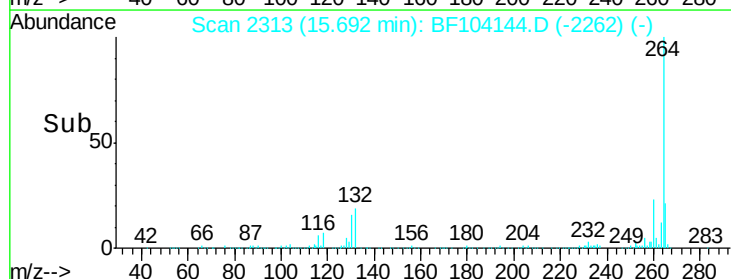
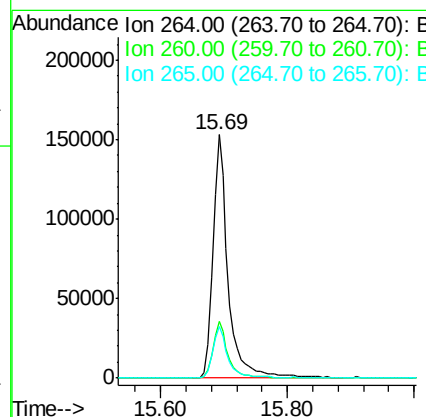
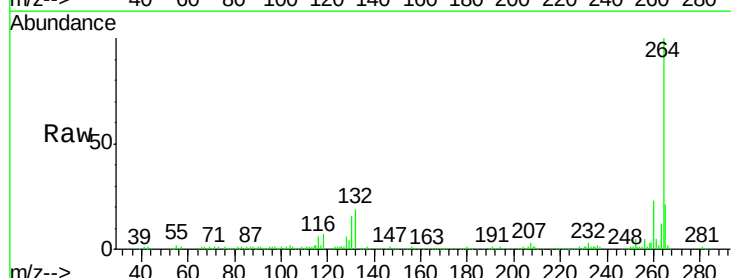
RT: 15.69 min Scan# 2313

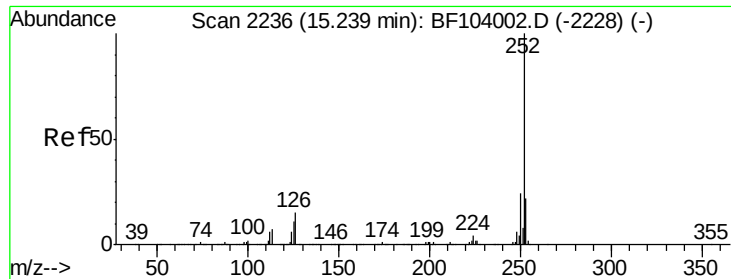
Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Tgt Ion:	264	Resp:	258080
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	21.2	17.5	26.3





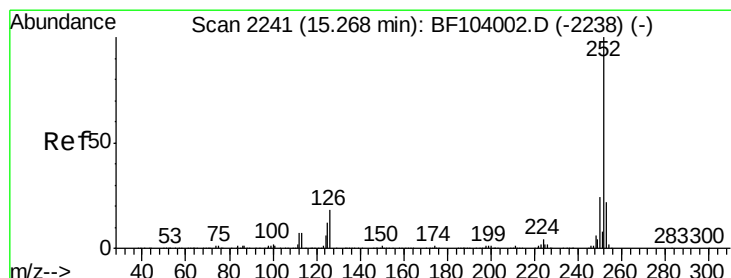
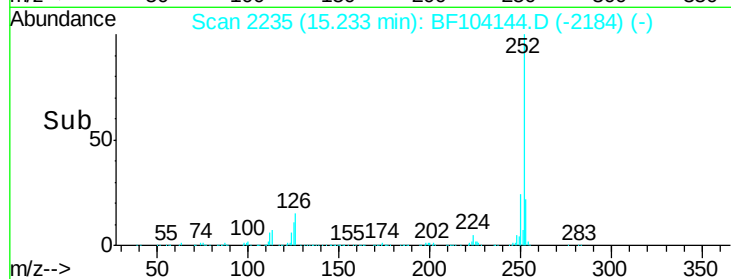
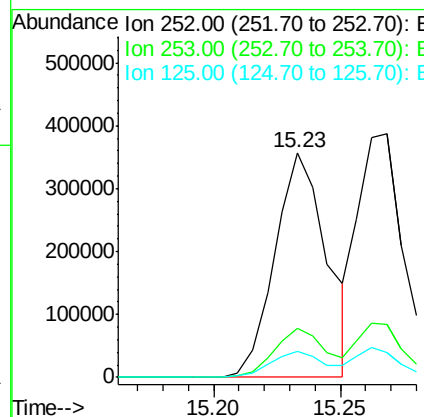
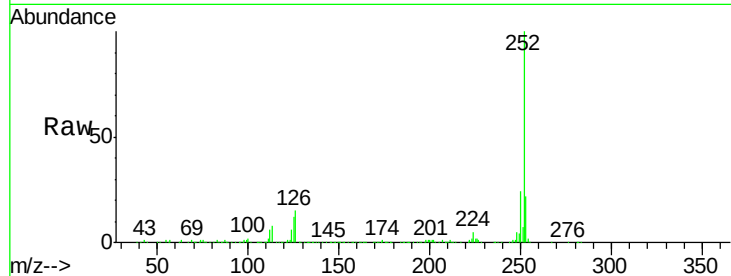
#87
Benzo(b)fluoranthene
Concen: 32.330 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	11.6	9.0	13.6

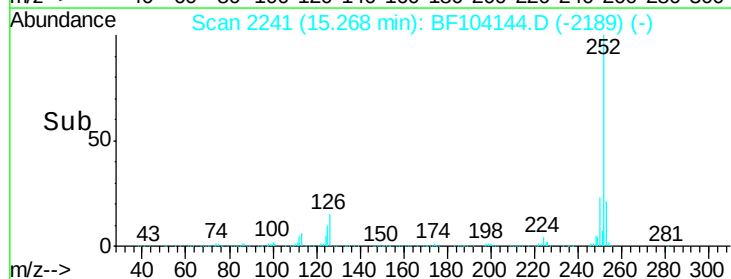
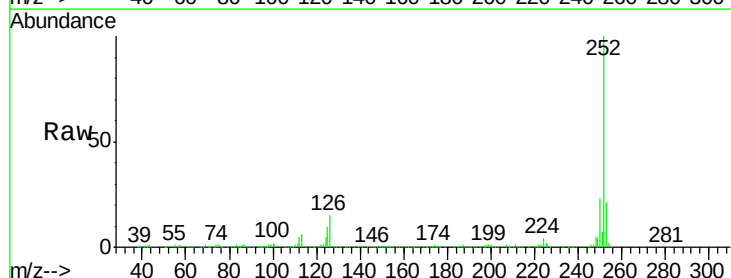
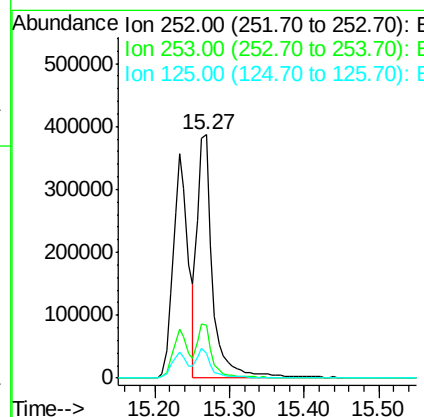
Manual Integrations
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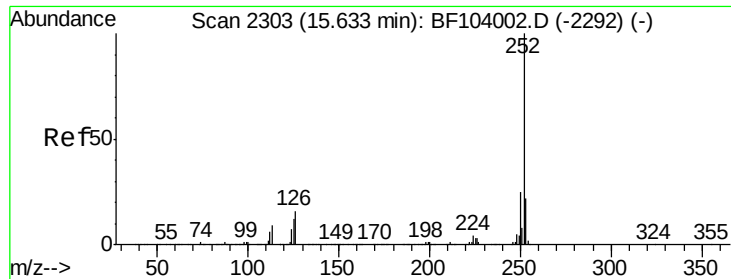
Sohil
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#88
Benzo(k)fluoranthene
Concen: 37.049 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF104144.D
Acq: 2 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	10.4	10.2	15.2





#89

Benzo(a)pyrene

Concen: 35.171 ng

RT: 15.63 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

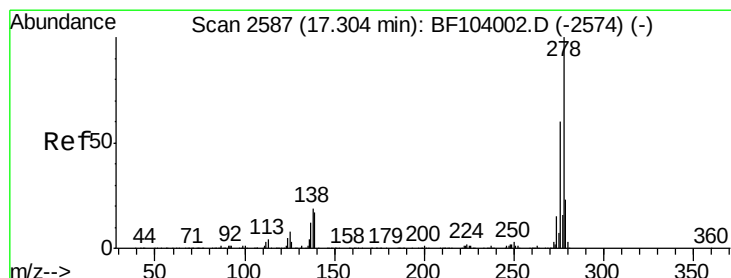
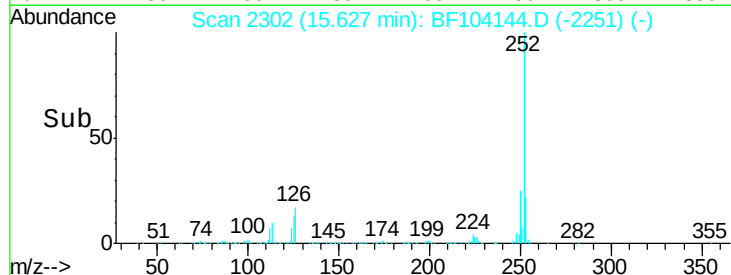
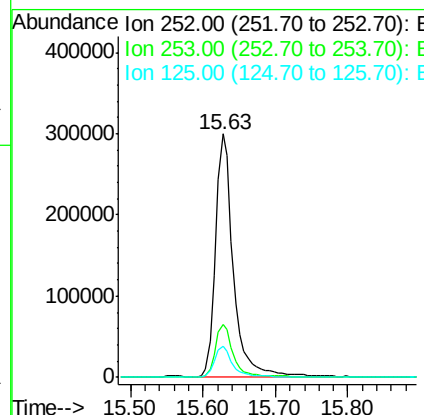
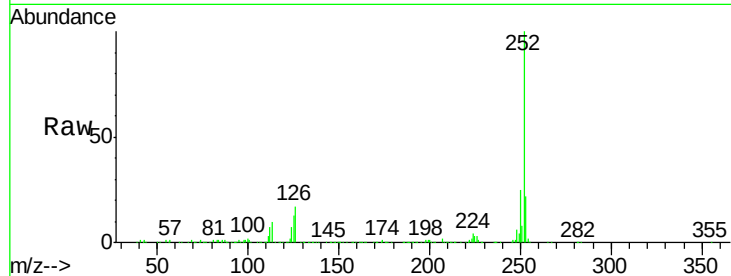
ClientSampleId :

SB-102(11-12)MSD

Tot Ion:	252	Resp:	511915
Ion Ratio		Lower	Upper
252	100		
253	21.7	17.1	25.7
125	12.8	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 32.594 ng

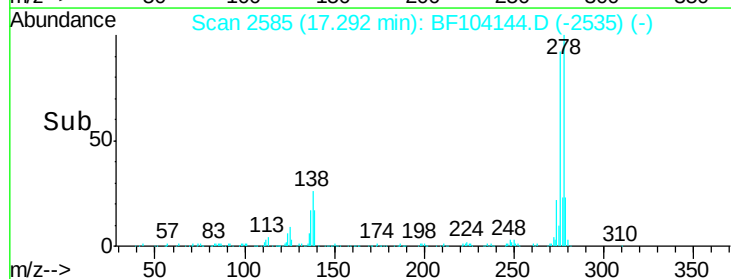
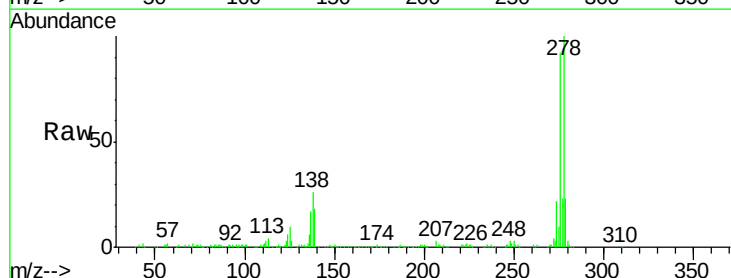
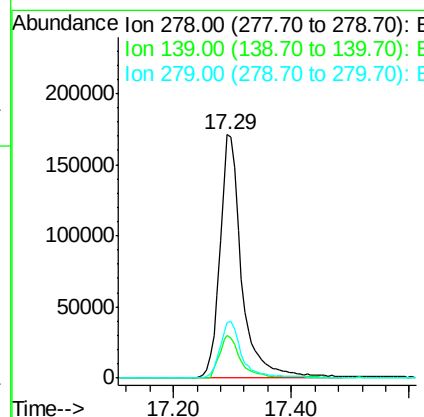
RT: 17.29 min Scan# 2585

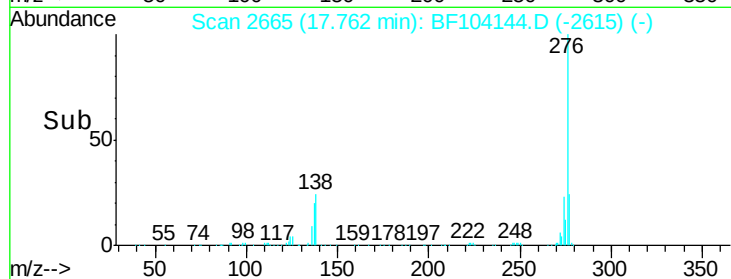
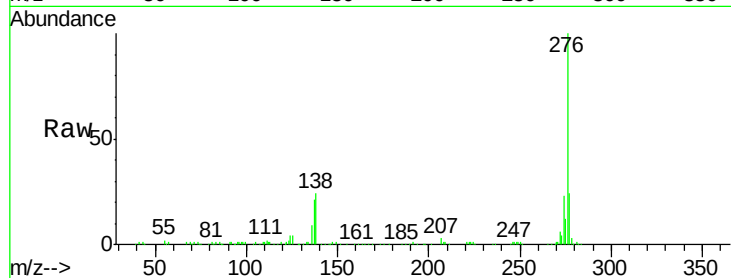
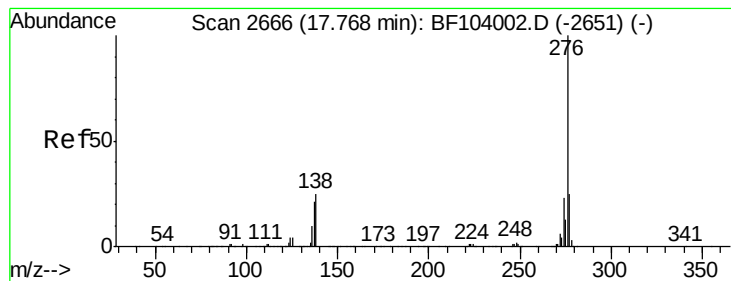
Delta R.T. -0.01 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Tgt Ion:	278	Resp:	438624
Ion Ratio		Lower	Upper
278	100		
139	17.7	15.9	23.9
279	22.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 28.950 ng

RT: 17.76 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BF104144.D

Acq: 2 Apr 2018 19:11

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)MSD

Tot Ion: 276 Resp: 390220

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 24.0 21.8 32.8

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