

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104990.D
 Acq On : 1 May 2018 18:07
 Operator : JU/SJ
 Sample : J2565-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

Manual Integrations
 APPROVED

Sohil
 5/2/2018 4:21:30 PM

Quant Time: May 02 12:08:39 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	116459	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	484659	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	220587	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	373289	20.00	ng	0.00
75) Chrysene-d12	14.02	240	212065	20.00	ng	0.04
86) Perylene-d12	15.55	264	214530	20.00	ng	0.12

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	856219	112.42	ng	0.00
7) Phenol-d6	6.44	99	1062133	113.50	ng	0.00
23) Nitrobenzene-d5	7.36	82	666940	89.86	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	256750	112.21	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1126218	80.66	ng	0.00
78) Terphenyl-d14	12.92	244	905109	97.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	87094	24.541	ng	# 87
3) Pyridine	3.26	79	248783	24.933	ng	# 83
4) n-Nitrosodimethylamine	3.22	42	108319	31.055	ng	# 77
6) Aniline	6.46	93	257947	19.840	ng	# 29
8) 2-Chlorophenol	6.58	128	283621	35.281	ng	93
9) Benzaldehyde	6.34	77	112459	19.998	ng	98
10) Phenol	6.45	94	352743	35.526	ng	80
11) bis(2-Chloroethyl)ether	6.53	93	270500	34.138	ng	90
12) 1,3-Dichlorobenzene	6.73	146	293379	32.214	ng	99
13) 1,4-Dichlorobenzene	6.81	146	295783	32.581	ng	98
14) 1,2-Dichlorobenzene	6.96	146	276917	32.916	ng	99
15) Benzyl Alcohol	6.94	79	224932	31.646	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	297797	27.986	ng	67
17) 2-Methylphenol	7.06	107	231937	33.192	ng	# 92
18) Hexachloroethane	7.30	117	103489	31.973	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	181863	29.740	ng	92
20) 3+4-Methylphenols	7.21	107	288356	33.272	ng	# 74
22) Acetophenone	7.20	105	389982	32.684	ng	99
24) Nitrobenzene	7.38	77	286061	34.908	ng	98
25) Isophorone	7.62	82	525333	33.471	ng	99
26) 2-Nitrophenol	7.70	139	153436	45.993	ng	90
27) 2,4-Dimethylphenol	7.73	122	244921	35.358	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	341298	35.565	ng	100
29) 2,4-Dichlorophenol	7.94	162	247629	37.467	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	246773	34.022	ng	98
31) Naphthalene	8.10	128	844009	34.973	ng	99
32) Benzoic acid	7.83	122	35619	6.445	ng	95
33) 4-Chloroaniline	8.15	127	197126	19.066	ng	96
34) Hexachlorobutadiene	8.21	225	132859	33.441	ng	99
35) Caprolactam	8.53	113	79186	34.344	ng	# 75
36) 4-Chloro-3-methylphenol	8.65	107	254543	35.917	ng	99
37) 2-Methylnaphthalene	8.79	142	556628	35.657	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	232751	36.860	ng	98
40) Hexachlorocyclopentadiene	8.93	237	65918	18.647	ng	99

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 TP-4 0.0-0.5MS

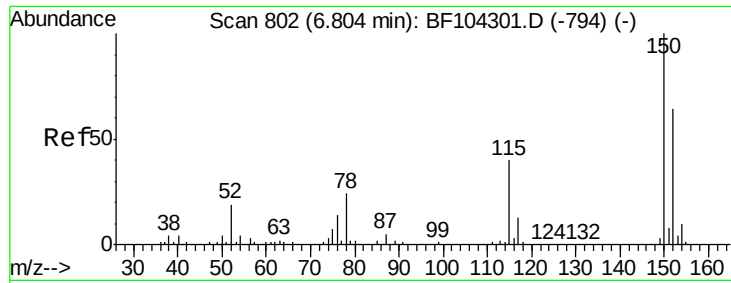
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 5/2/2018 4:21:30 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	162048	36.968	ng	98
43) 2,4,5-Trichlorophenol	9.12	196	172006	35.066	ng	96
45) 1,1'-Biphenyl	9.26	154	636656	34.357	ng	98
46) 2-Chloronaphthalene	9.28	162	507563	34.677	ng	99
47) 2-Nitroaniline	9.39	65	148768	41.099	ng	93
48) Acenaphthylene	9.70	152	757653	32.992	ng	99
49) Dimethylphthalate	9.56	163	747028	42.945	ng	100
50) 2,6-Dinitrotoluene	9.63	165	129901	40.358	ng	93
51) Acenaphthene	9.87	154	457523	32.653	ng	99
52) 3-Nitroaniline	9.80	138	119794	31.791	ng	96
53) 2,4-Dinitrophenol	9.91	184	28247	31.617	ng	# 25
54) Dibenzofuran	10.04	168	667884	34.203	ng	96
55) 4-Nitrophenol	9.97	139	173415	58.585	ng	96
56) 2,4-Dinitrotoluene	10.03	165	157289	37.254	ng	# 96
57) Fluorene	10.39	166	535740	37.693	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	129544	35.400	ng	93
59) Diethylphthalate	10.26	149	574544	33.164	ng	98
60) 4-Chlorophenyl-phenylether	10.37	204	240136	37.938	ng	97
61) 4-Nitroaniline	10.42	138	136390	37.018	ng	96
62) Azobenzene	10.53	77	505366	30.533	ng	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	29530	21.104	ng	89
65) n-Nitrosodiphenylamine	10.50	169	462600	35.742	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	146219	36.825	ng	95
67) Hexachlorobenzene	10.93	284	153486	34.354	ng	93
68) Atrazine	11.03	200	145414	37.221	ng	100
69) Pentachlorophenol	11.13	266	125829	45.524	ng	98
70) Phenanthrene	11.36	178	1286227	61.873	ng	99
71) Anthracene	11.40	178	829326	39.246	ng	99
72) Carbazole	11.56	167	701903	33.992	ng	100
73) Di-n-butylphthalate	11.88	149	855351	33.910	ng	99
74) Fluoranthene	12.55	202	1538644	70.841	ng	99
76) Benzidine	12.67	184	49410	2.689	ng	98
77) Pyrene	12.78	202	1390913	88.486	ng	99
79) Butylbenzylphthalate	13.39	149	306843	41.435	ng	98
80) Benzo(a)anthracene	14.00	228	1024100	80.835	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	132138	27.974	ng	# 96
82) Chrysene	14.04	228	899007	69.085	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	435305	45.700	ng	98
84) Di-n-octyl phthalate	14.64	149	650427	40.867	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.05	276	793670	71.797	ng	93
87) Benzo(b)fluoranthene	15.13	252	1157829	85.453	ng	97
88) Benzo(k)fluoranthene	15.15	252	636523	49.760	ng	99
89) Benzo(a)pyrene	15.43	252	388984m	32.086	ng	
90) Dibenzo(a,h)anthracene	17.06	278	438405	44.030	ng	96
91) Benzo(g,h,i)perylene	17.50	276	684928	71.002	ng	95

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



#1

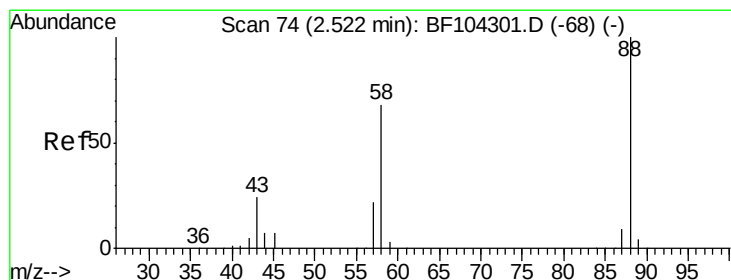
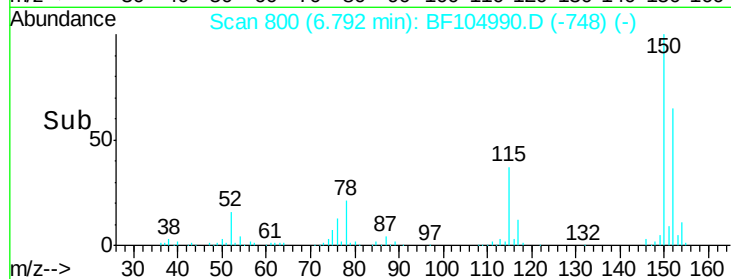
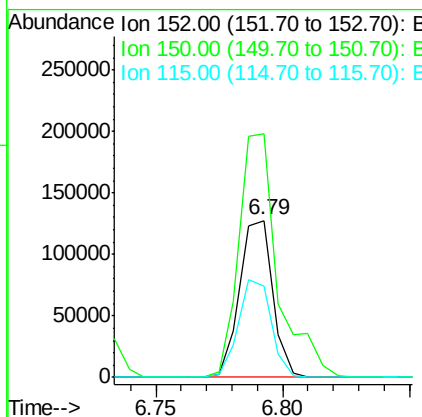
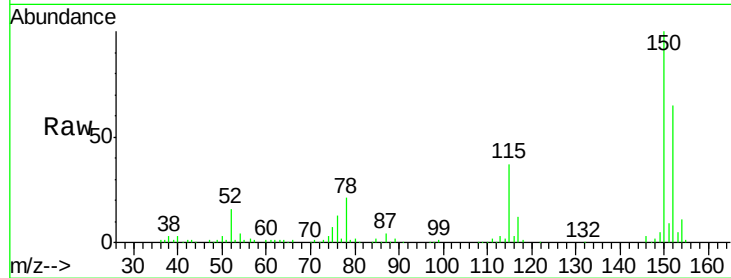
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampled :
TP-4 0.0-0.5MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	57.8	50.1	75.1

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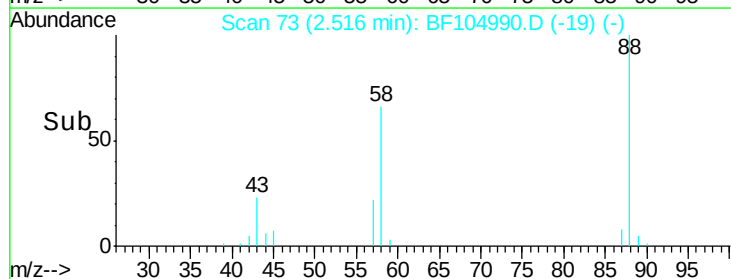
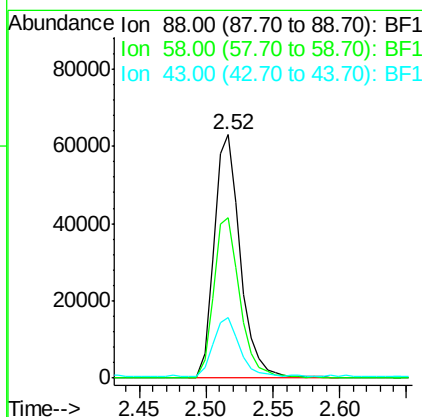
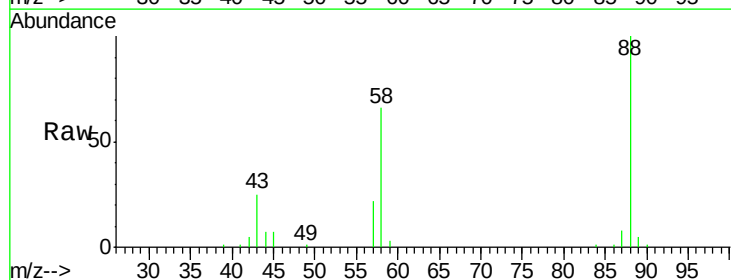
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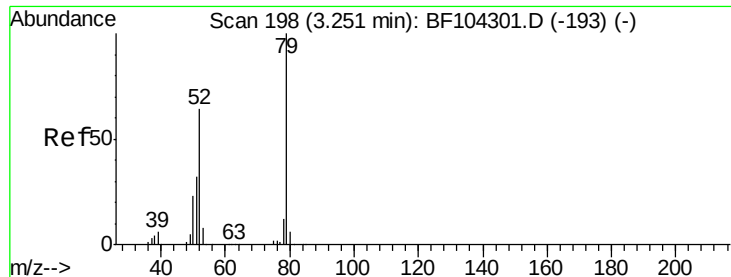


#2

1,4-Dioxane
Concen: 24.541 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.02 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.9	62.6	93.8
43	24.6	24.6	37.0





#3

Pyridine

Concen: 24.933 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.02 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

Tgt Ion: 79 Resp: 248783

Ion Ratio Lower Upper

79 100

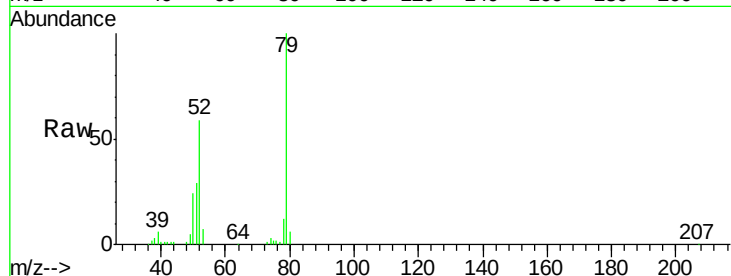
52 59.3 59.8 89.6#

51 29.1 29.8 44.8#

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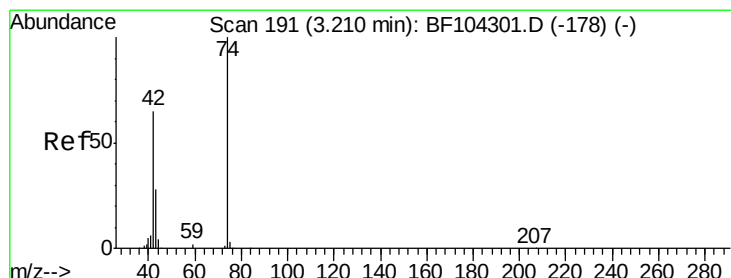
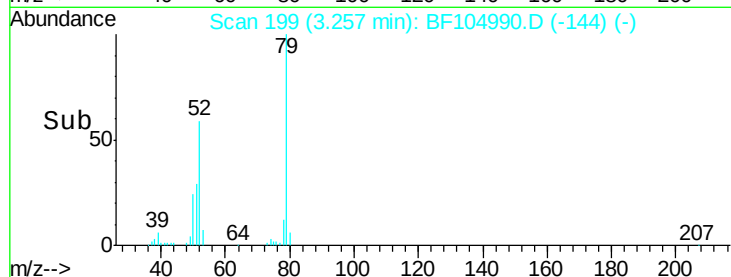
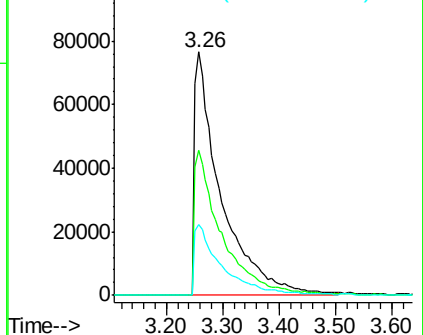
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 31.055 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Tgt Ion: 42 Resp: 108319

Ion Ratio Lower Upper

42 100

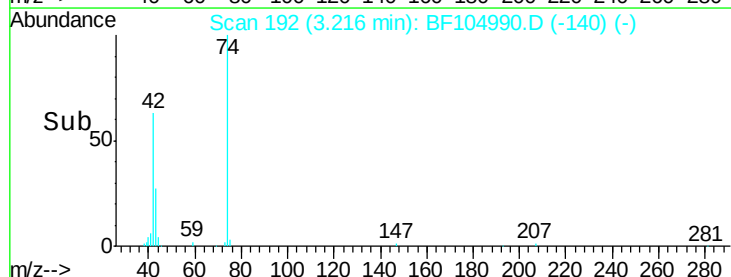
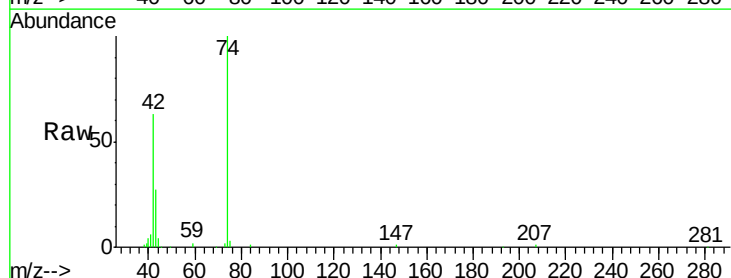
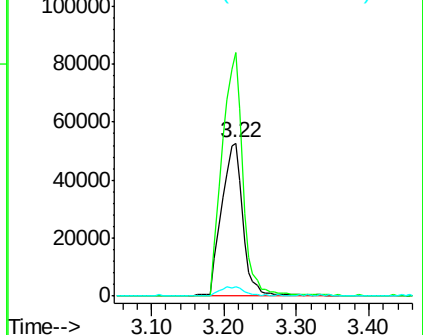
74 158.9 104.9 157.3#

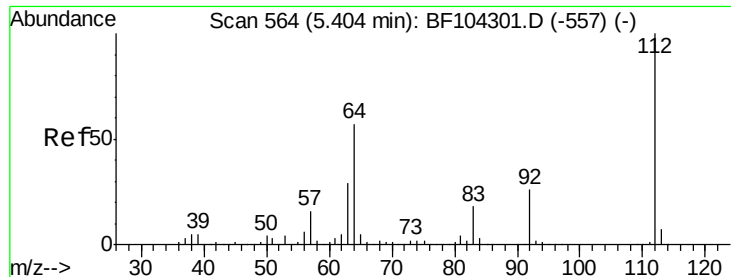
44 6.5 6.9 10.3#

Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.418 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

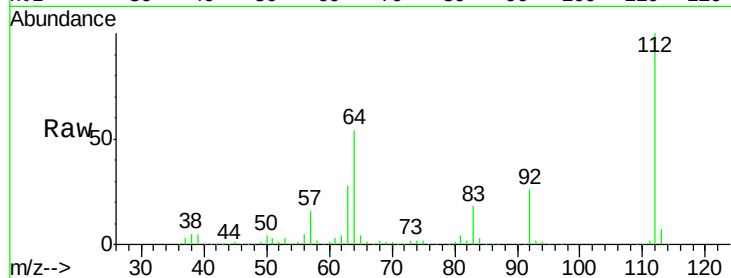
ClientSampled :

TP-4 0.0-0.5MS

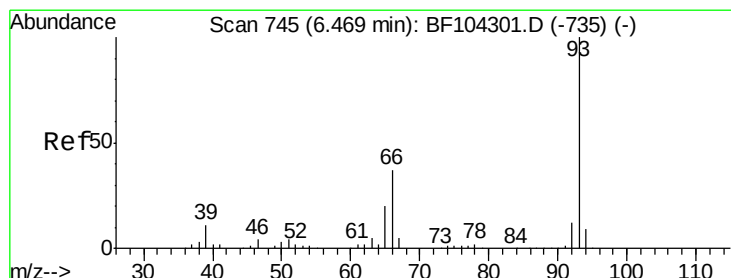
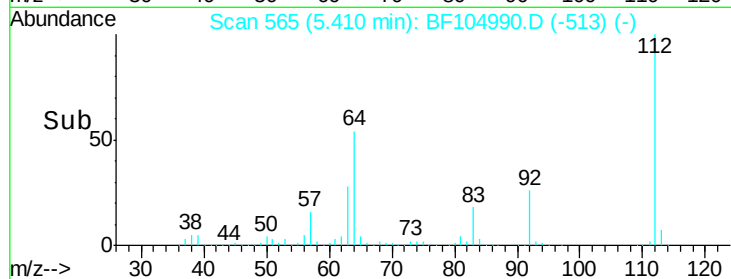
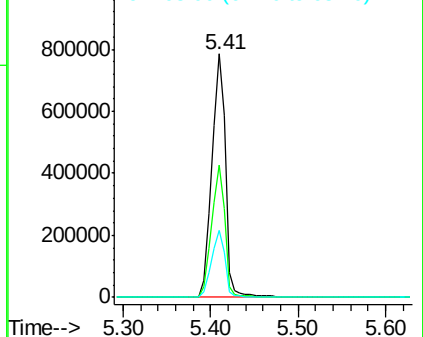
Tgt Ion:	112	Resp:	856219
Ion Ratio	Lower	Upper	
112	100		
64	54.3	47.9	71.9
63	27.6	23.7	35.5

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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: 19.840 ng

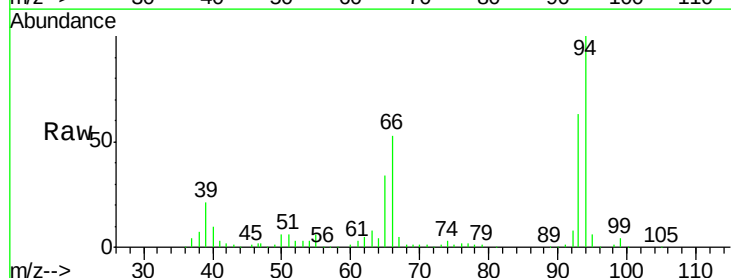
RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

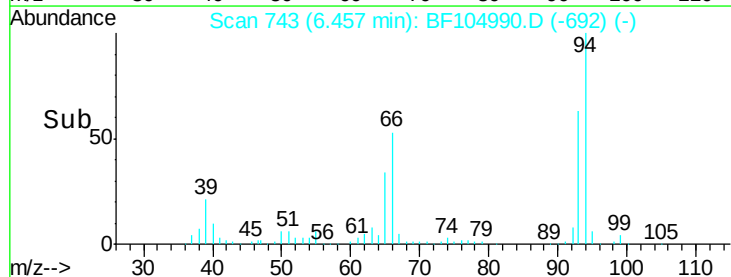
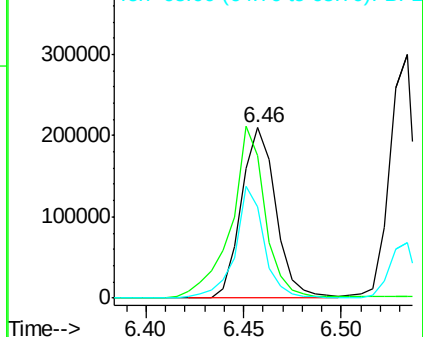
Lab File: BF104990.D

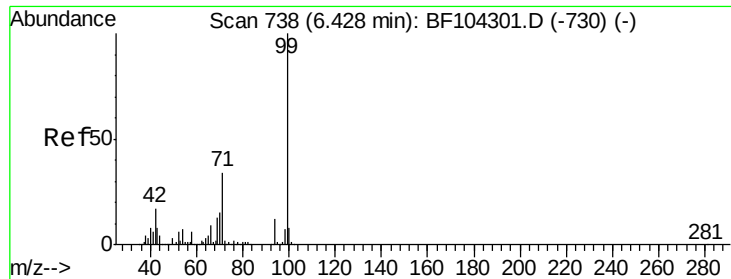
Acq: 1 May 2018 18:07

Tgt Ion:	93	Resp:	257947
Ion Ratio	Lower	Upper	
93	100		
66	83.7	32.2	48.2#
65	53.9	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: 113.499 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

Tgt Ion: 99 Resp: 1062133

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

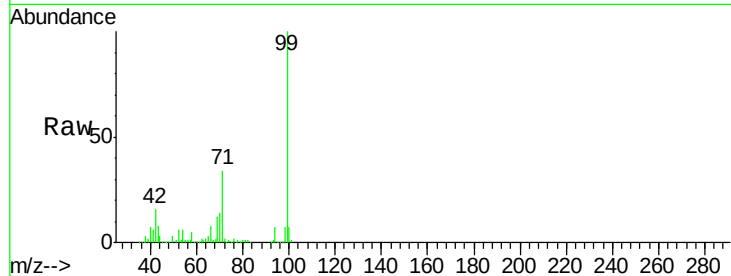
71 33.8 25.4 38.0

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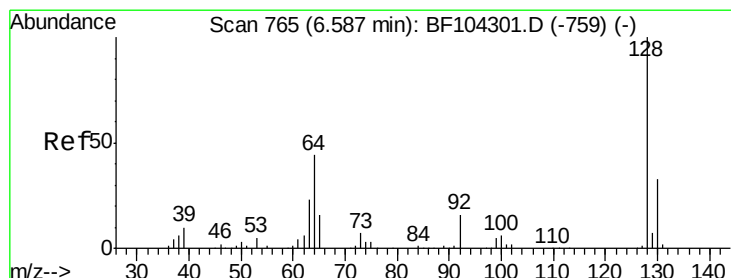
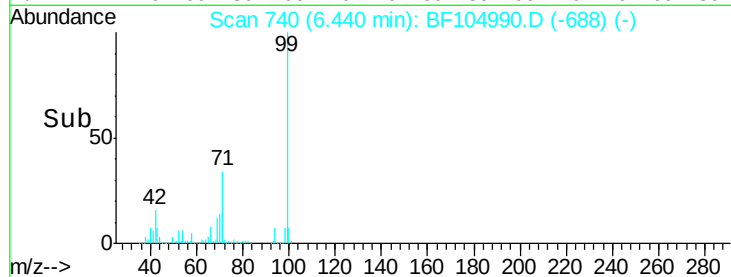
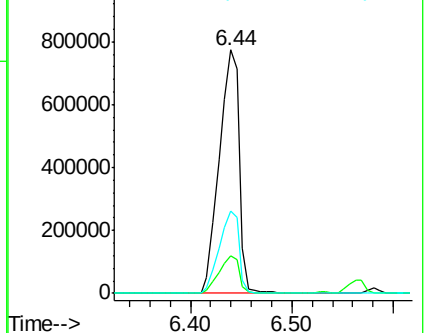
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.281 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

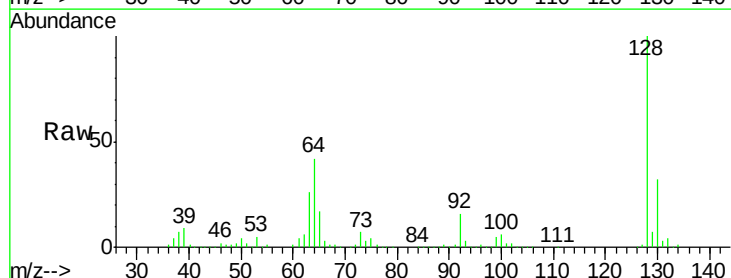
Tgt Ion: 128 Resp: 283621

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

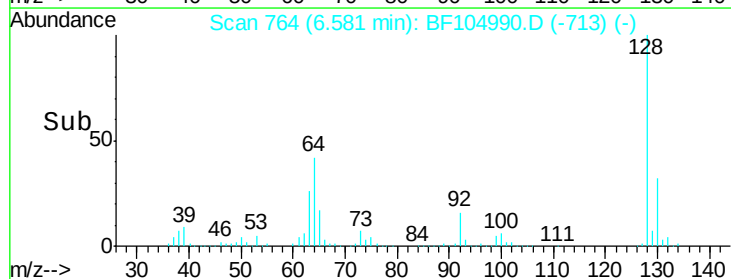
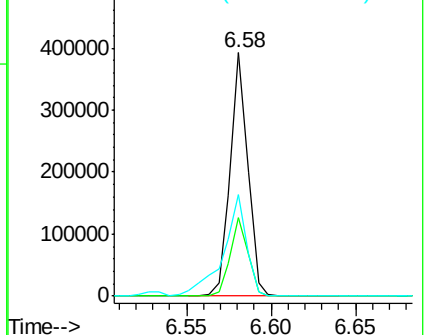
64 41.7 29.4 69.4

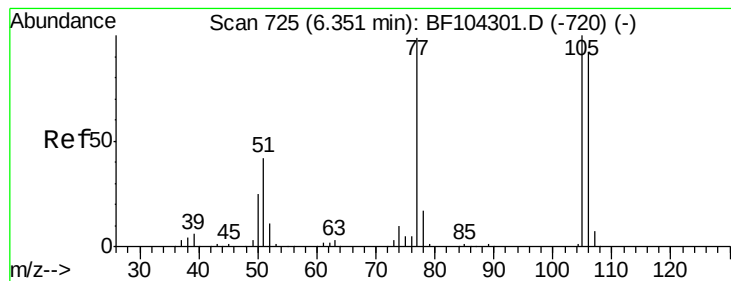


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.998 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

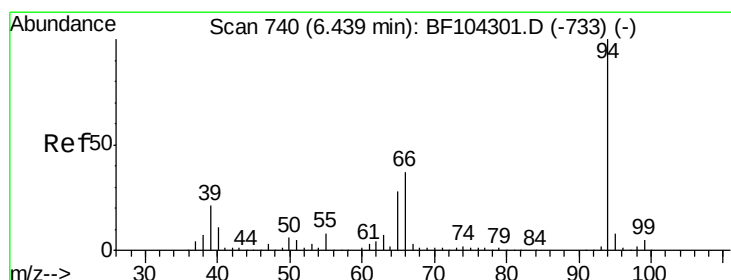
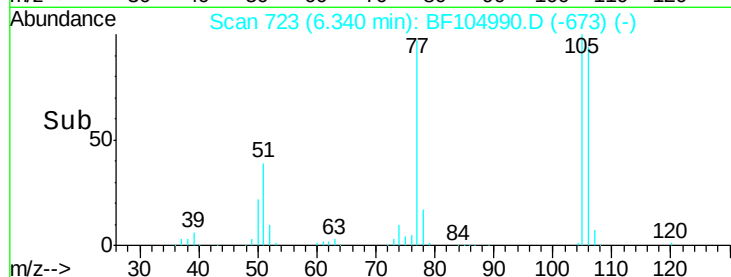
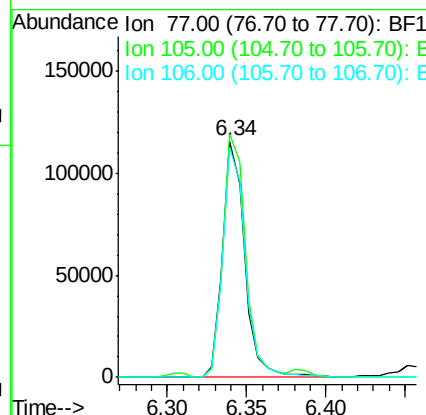
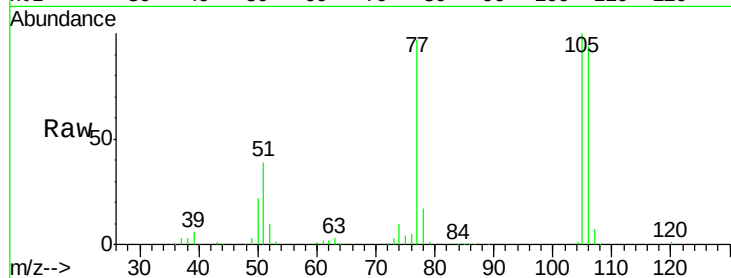
ClientSampleId :

TP-4 0.0-0.5MS

Tgt Ion:	77	Resp:	112459
Ion	Ratio	Lower	Upper
77	100		
105	103.1	81.1	121.1
106	97.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 35.526 ng

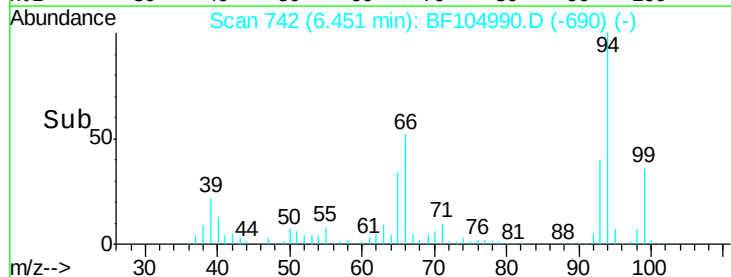
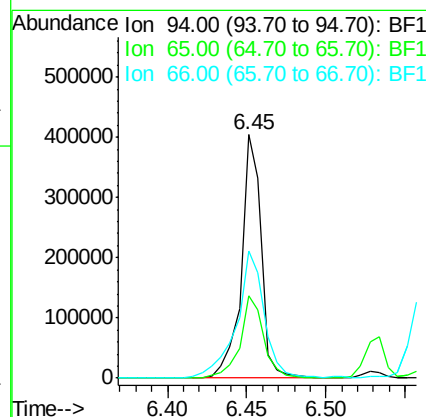
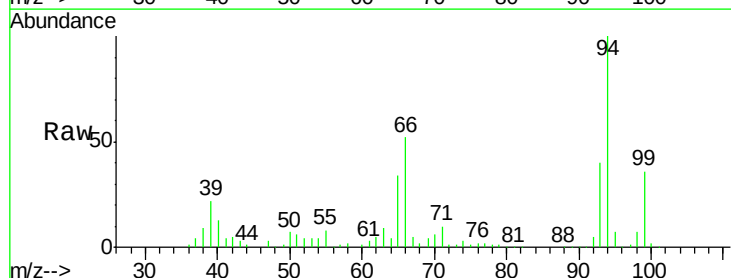
RT: 6.45 min Scan# 742

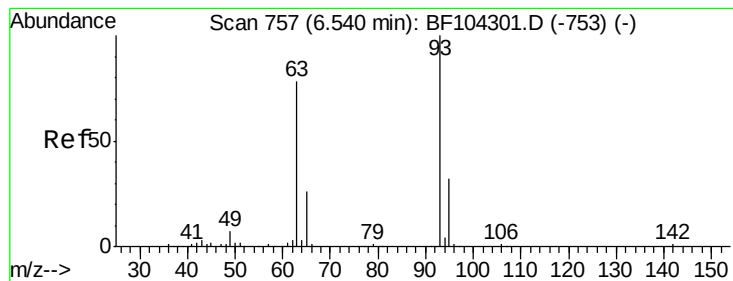
Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Tgt Ion:	94	Resp:	352743
Ion	Ratio	Lower	Upper
94	100		
65	33.9	7.9	47.9
66	52.4	16.2	56.2





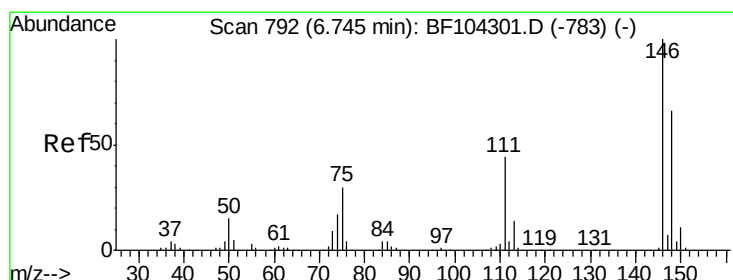
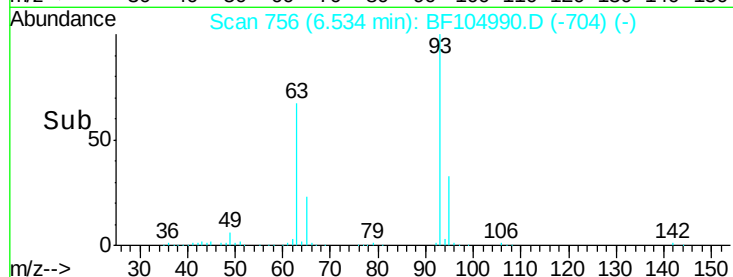
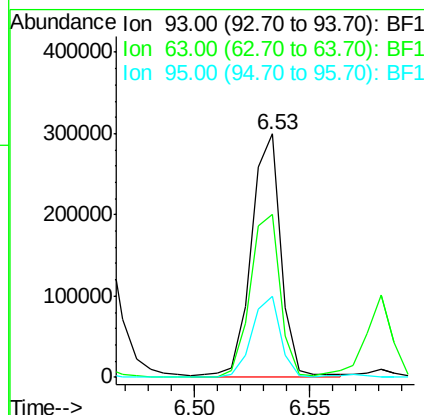
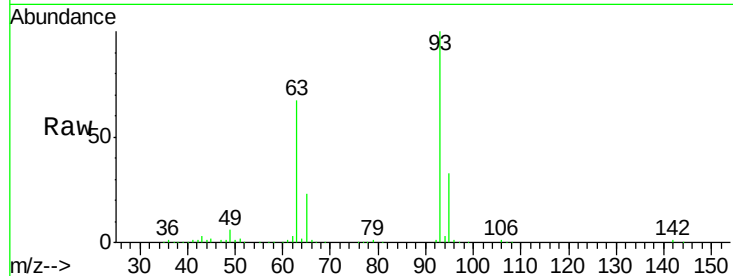
#11
bis(2-Chloroethyl)ether
Concen: 34.138 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	66.8	58.6	98.6
95	33.2	11.8	51.8

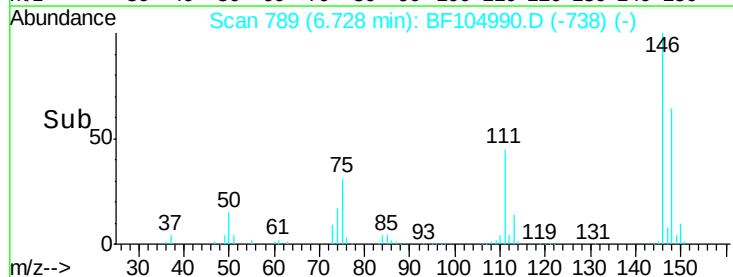
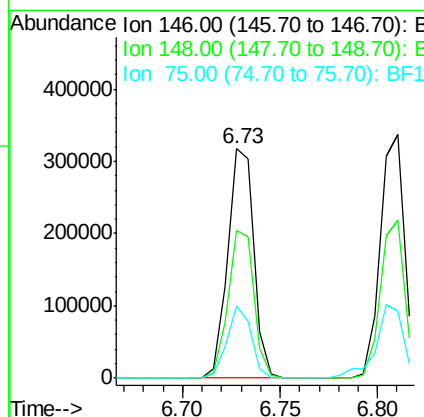
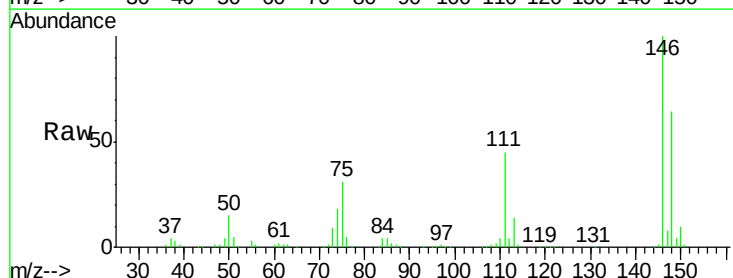
Manual Integrations
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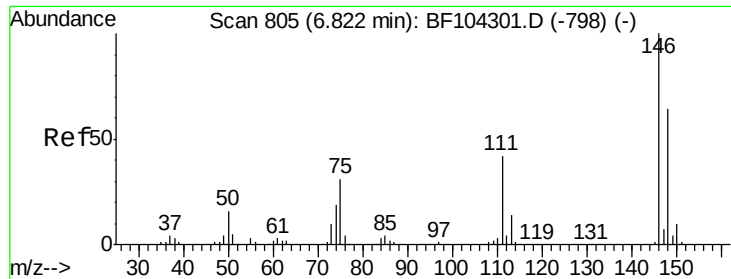
Sohil
5/2/2018 4:21:30 PM



#12
1,3-Dichlorobenzene
Concen: 32.214 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	31.5	24.2	36.4





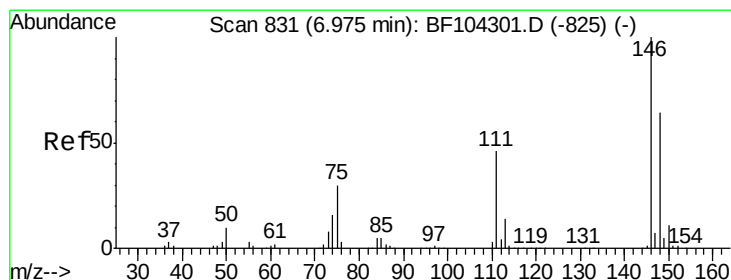
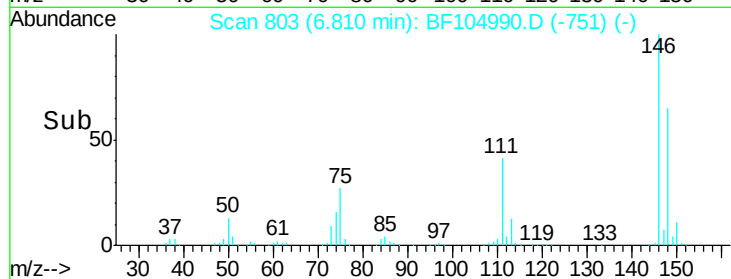
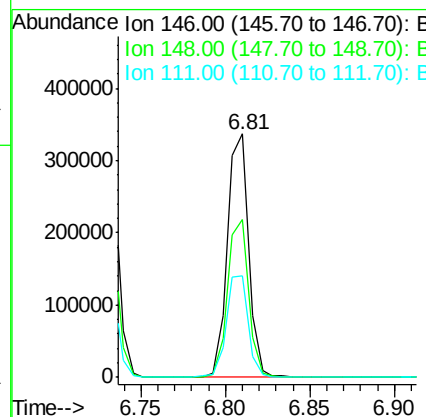
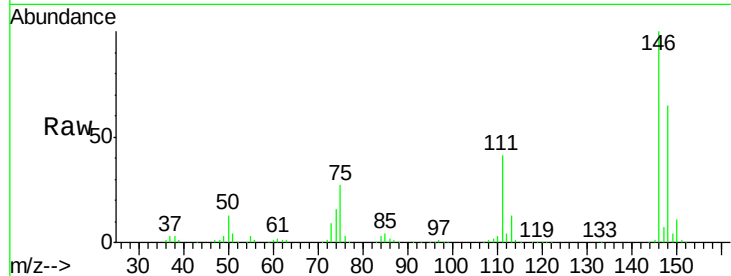
#13
 1,4-Dichlorobenzene
 Concen: 32.581 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	295783		
148	64.7	50.8	76.2	
111	41.5	34.2	51.2	

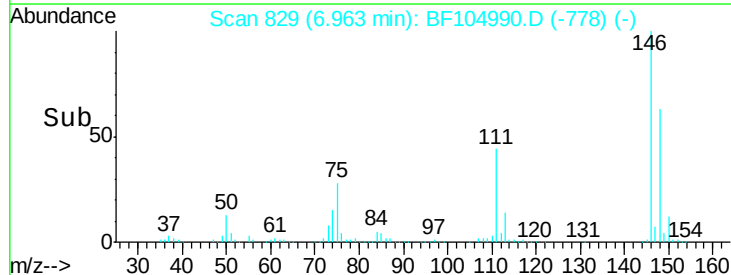
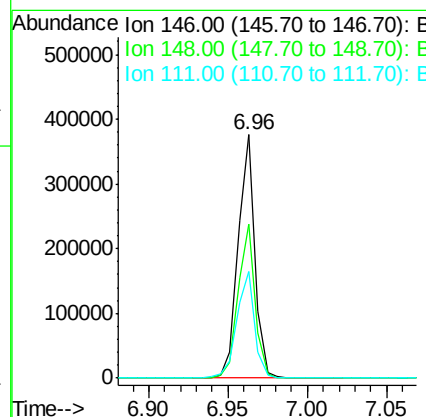
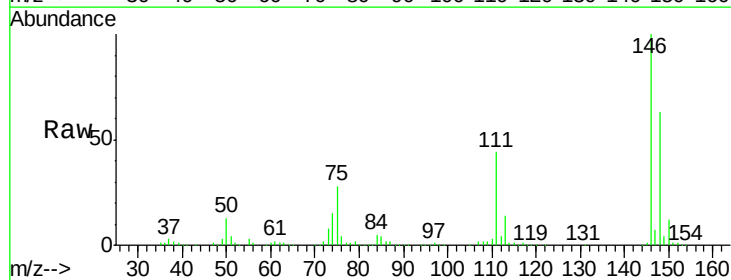
Manual Integrations
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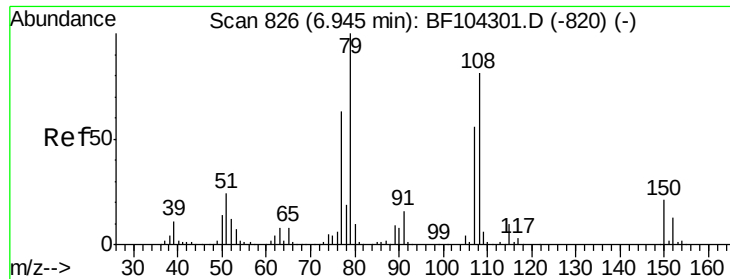
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 32.916 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	276917		
148	63.0	50.6	75.8	
111	43.7	36.0	54.0	





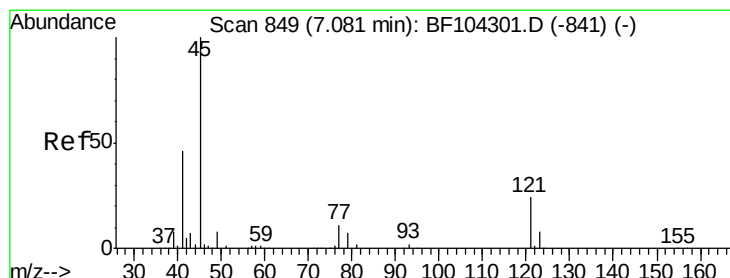
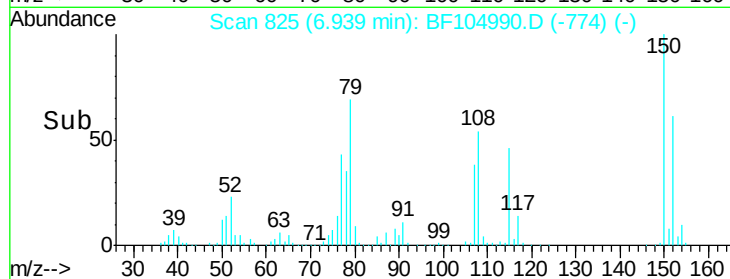
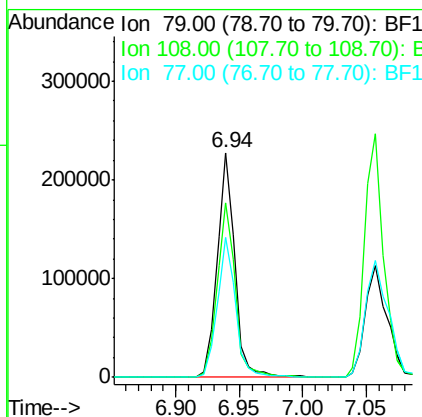
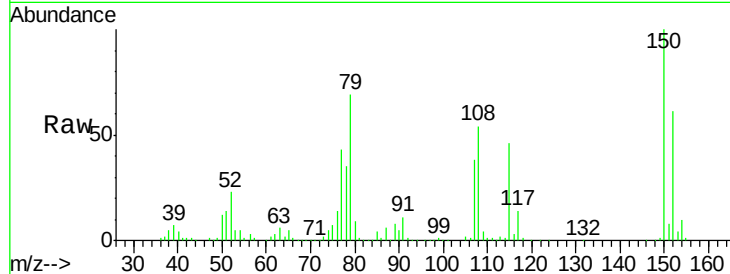
#15
Benzyl Alcohol
Concen: 31.646 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

Tgt Ion: 79 Resp: 224932
Ion Ratio Lower Upper
79 100
108 77.9 65.1 97.7
77 62.5 50.6 75.8

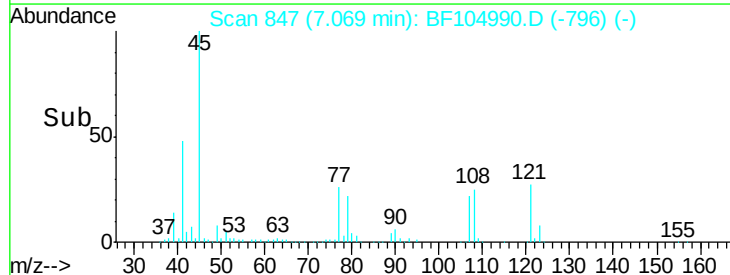
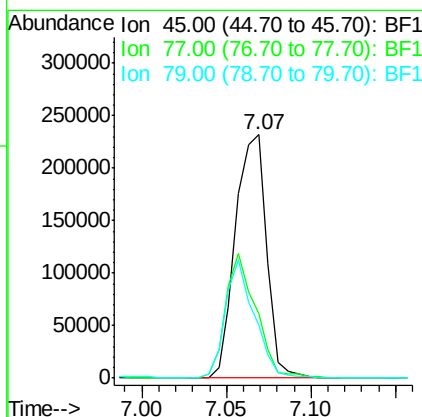
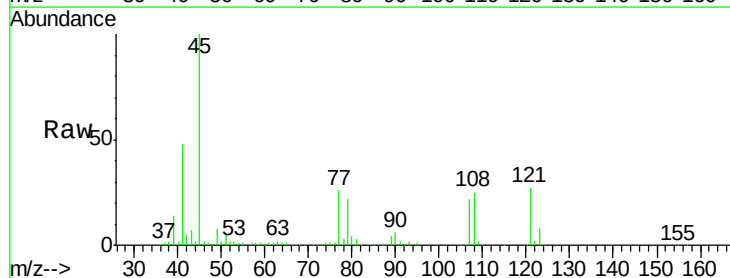
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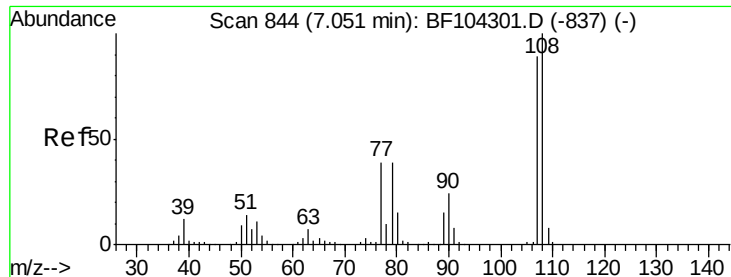
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.986 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion: 45 Resp: 297797
Ion Ratio Lower Upper
45 100
77 26.2 0.0 32.9
79 21.7 0.0 29.6





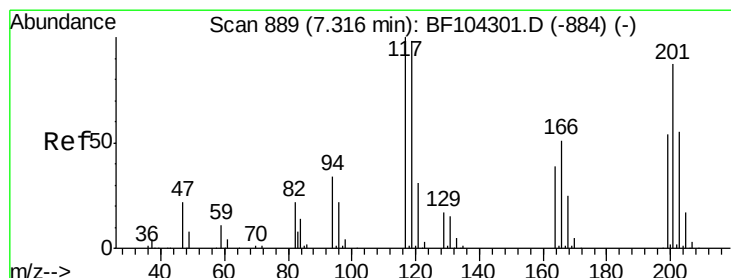
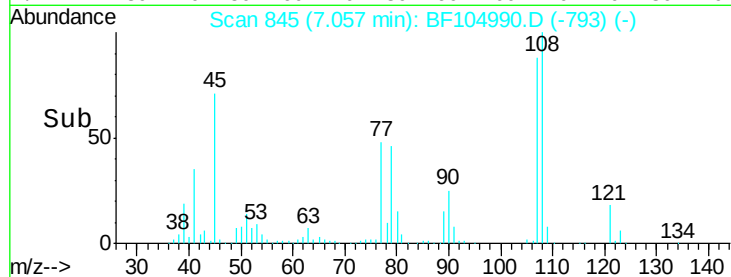
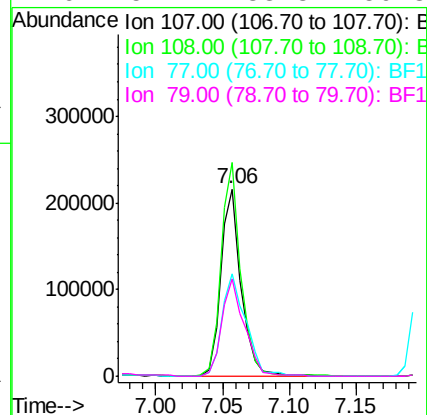
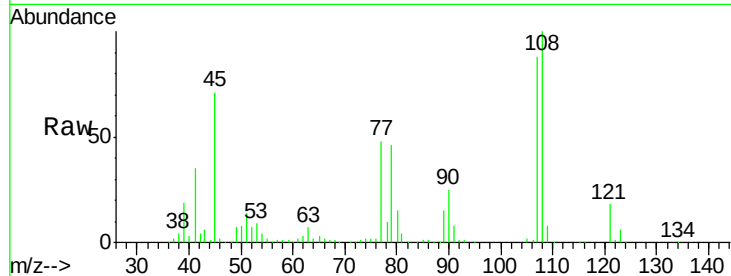
#17
2-Methylphenol
Concen: 33.192 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	231937		
108	113.9	91.7	137.5	
77	54.7	33.8	50.8#	
79	52.2	33.8	50.8#	

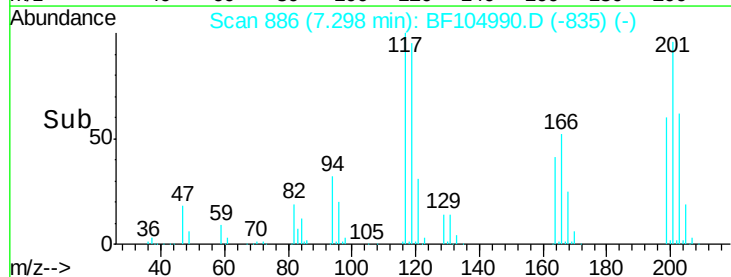
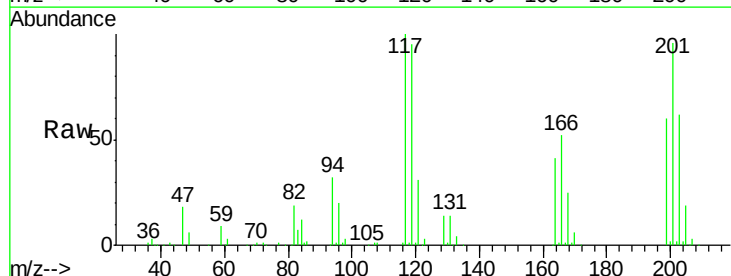
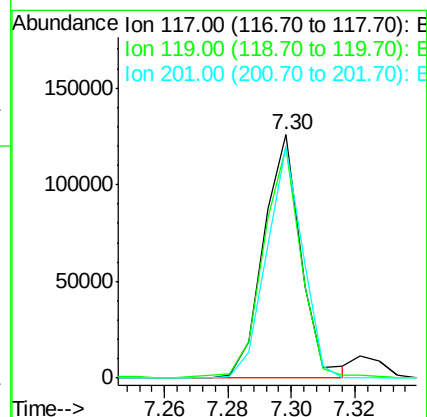
Manual Integrations
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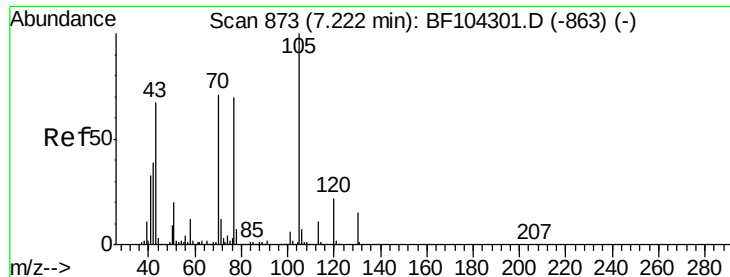
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#18
Hexachloroethane
Concen: 31.973 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	103489		
119	94.7	75.8	113.8	
201	95.6	75.7	113.5	





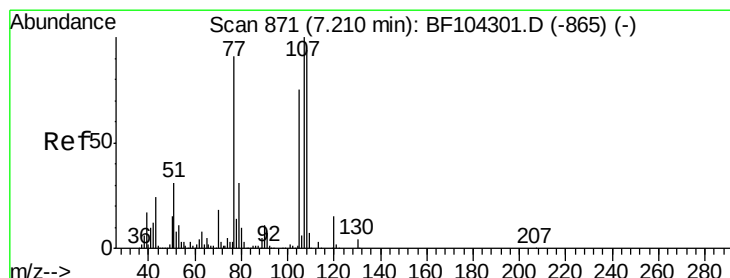
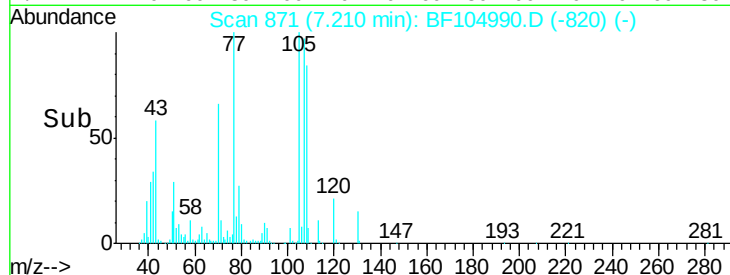
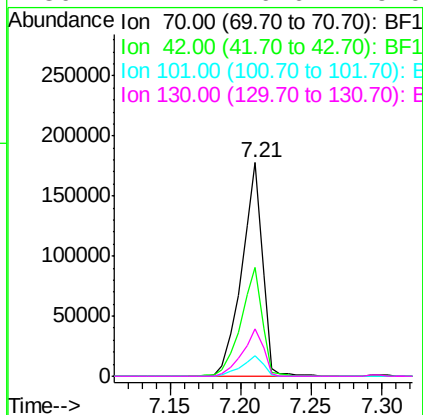
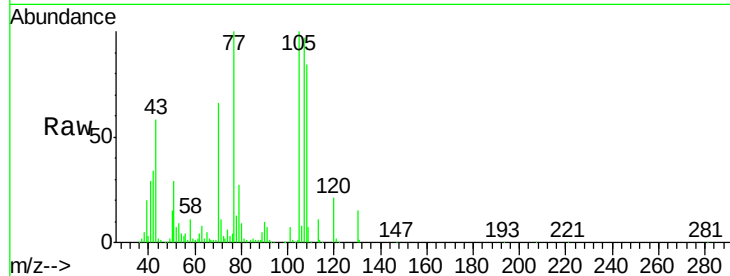
#19
n-Nitroso-di-n-propylamine
Concen: 29.740 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.5	71.3
101	9.8	7.4	11.2
130	22.1	16.6	25.0

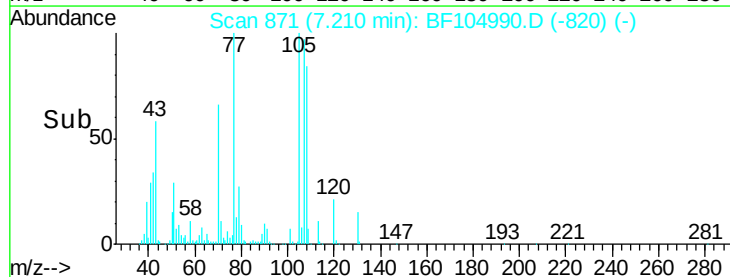
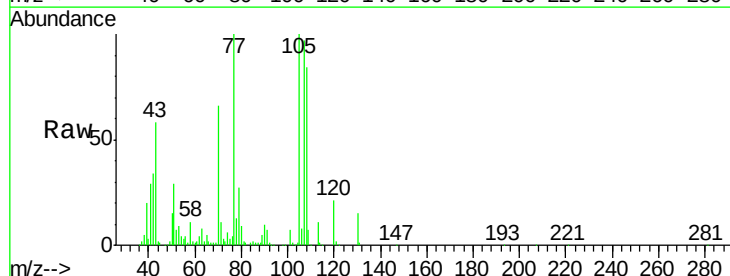
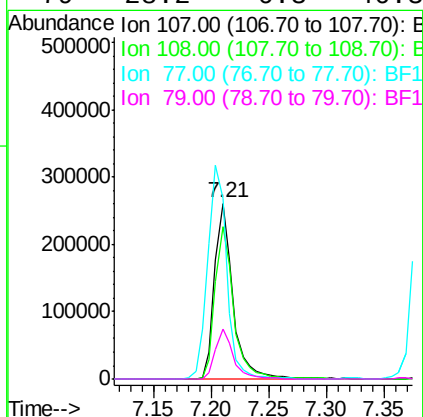
Manual Integrations
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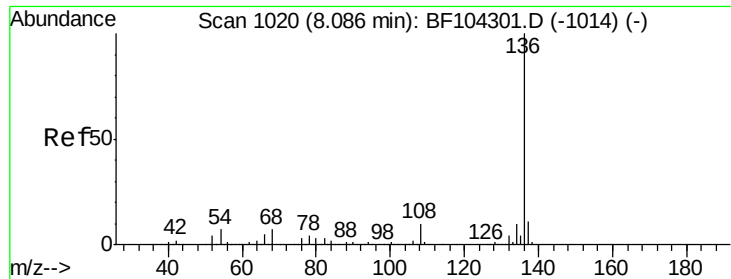
Sohil
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#20
3+4-Methylphenols
Concen: 33.272 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	68.2	108.2
77	102.5	26.7	66.7#
79	28.2	6.3	46.3





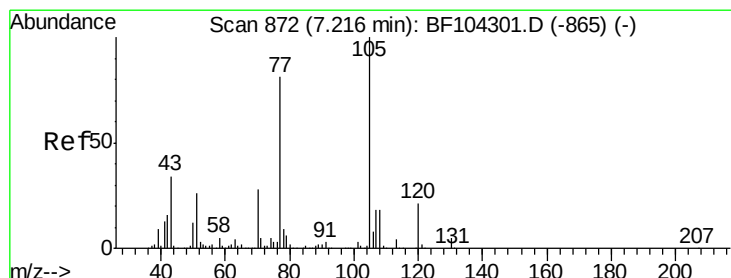
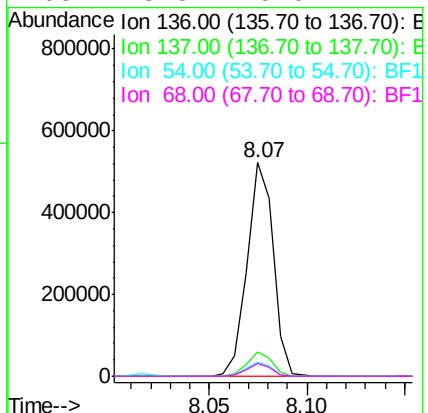
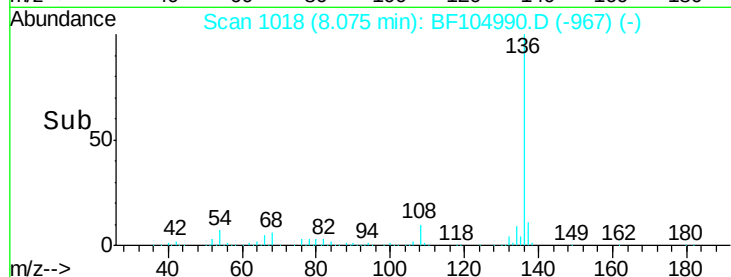
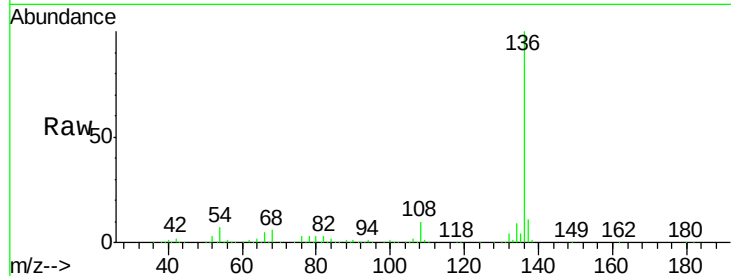
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	484659		
137	11.2	8.9	13.3	
54	6.5	6.6	9.8	
68	5.8	5.0	7.4	

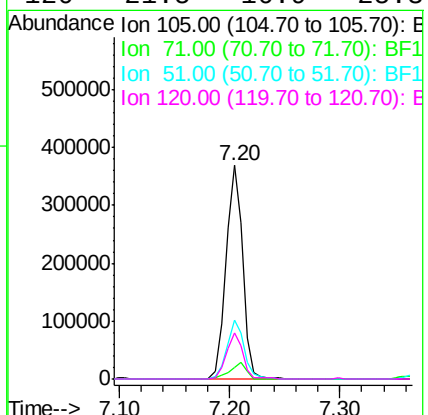
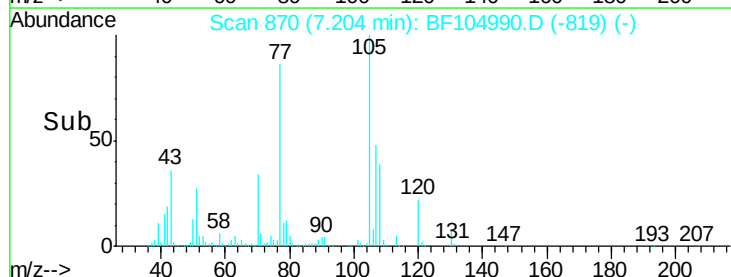
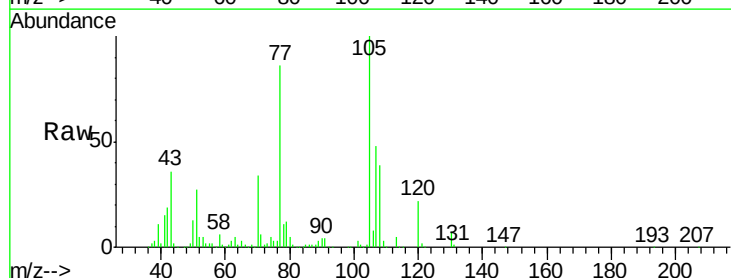
Manual Integrations
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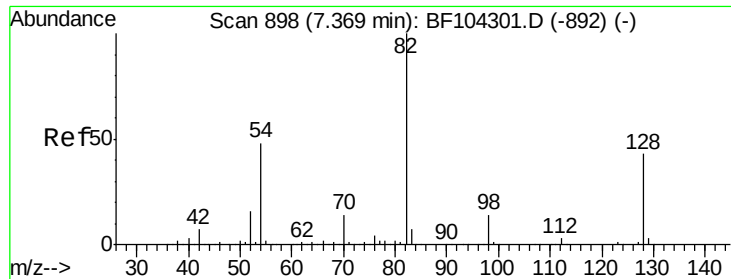
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#22
Acetophenone
Concen: 32.684 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	389982		
71	5.6	4.4	6.6	
51	27.3	22.3	33.5	
120	21.5	16.9	25.3	





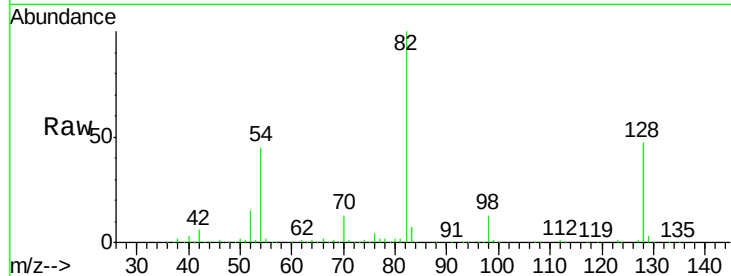
#23
Nitrobenzene-d5
Concen: 89.857 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

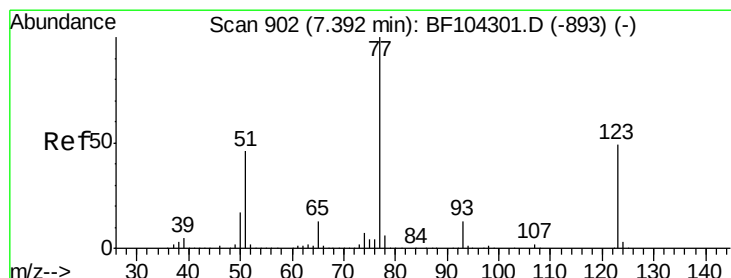
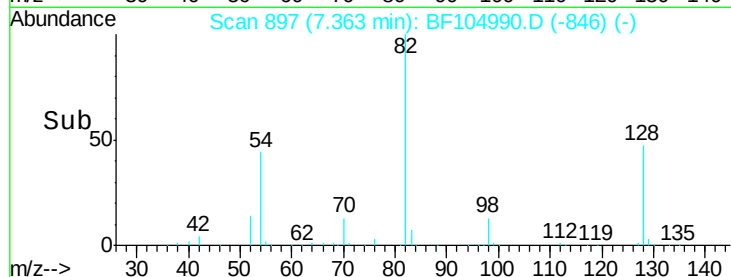
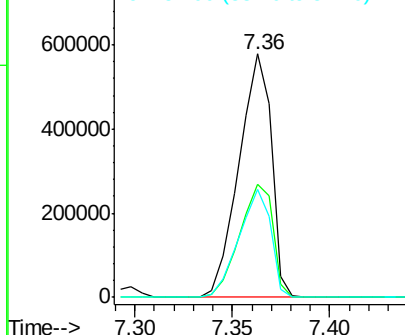
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	666940		
128	46.6	36.1	54.1	
54	44.6	41.4	62.2	

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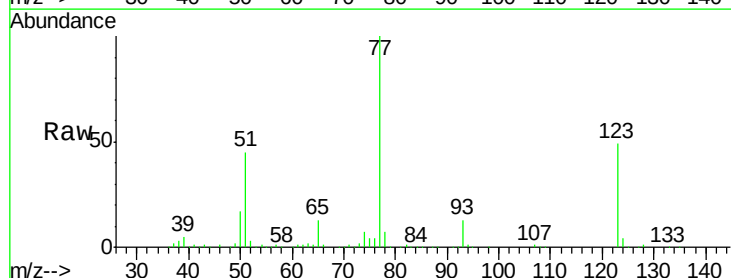


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

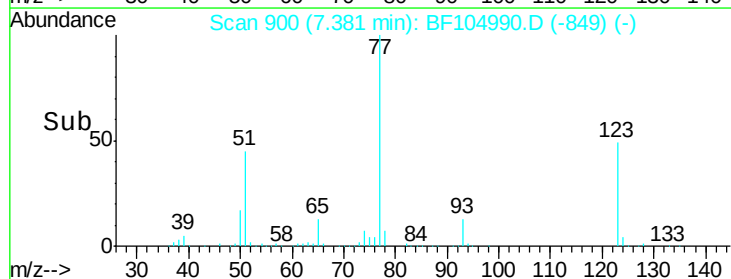
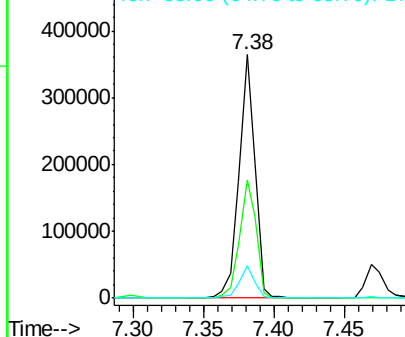


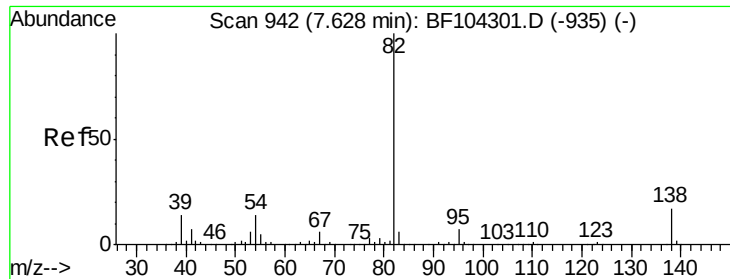
#24
Nitrobenzene
Concen: 34.908 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	286061		
123	48.6	37.9	56.9	
65	13.2	11.0	16.4	



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 33.471 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

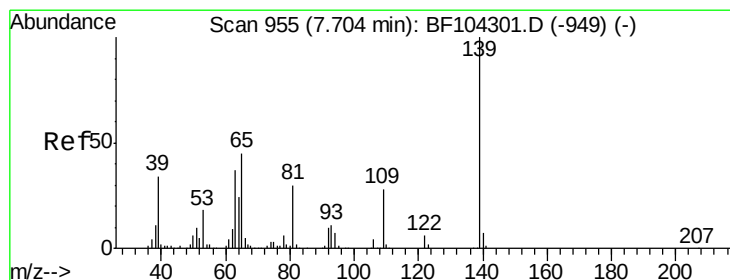
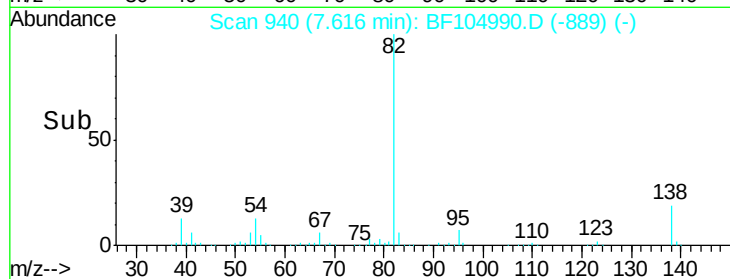
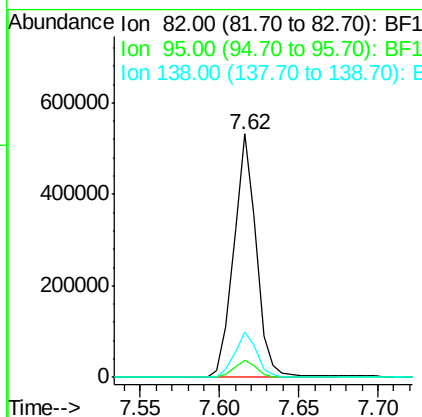
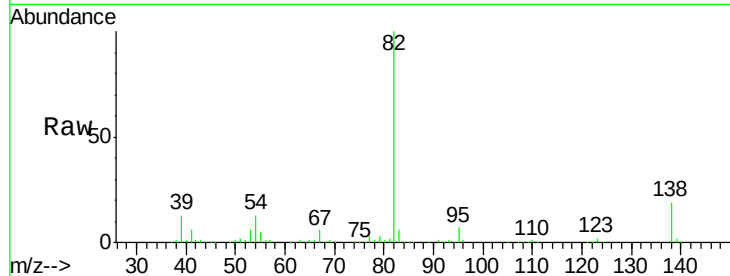
ClientSampleId :

TP-4 0.0-0.5MS

Tgt Ion:	82	Resp:	525333
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	18.8	14.9	22.3

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#26

2-Nitrophenol

Concen: 45.993 ng

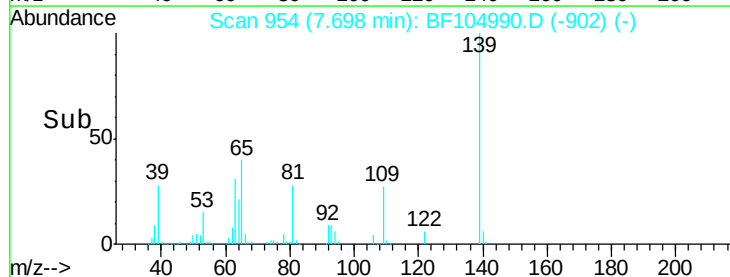
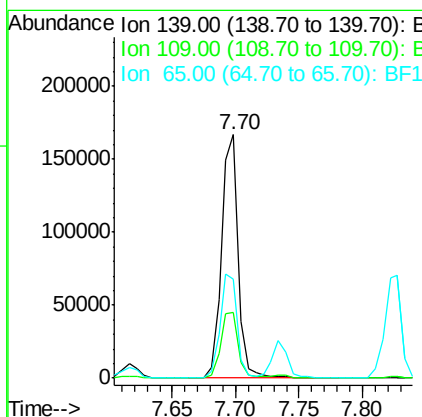
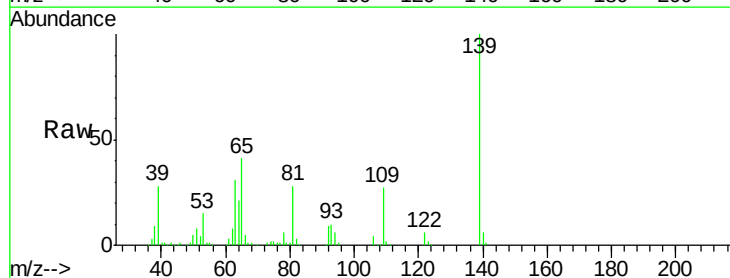
RT: 7.70 min Scan# 954

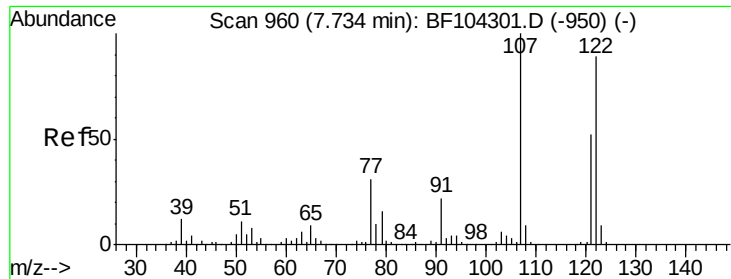
Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Tgt Ion:	139	Resp:	153436
Ion Ratio	Lower	Upper	
139	100		
109	26.8	22.7	34.1
65	40.7	40.5	60.7





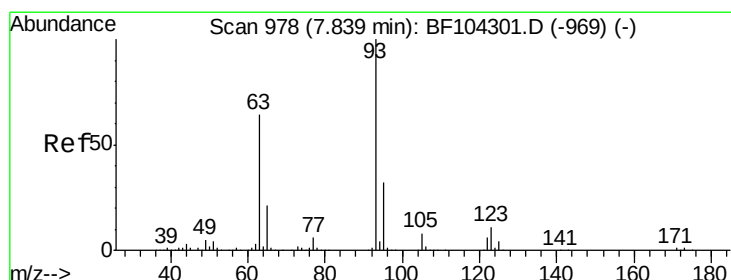
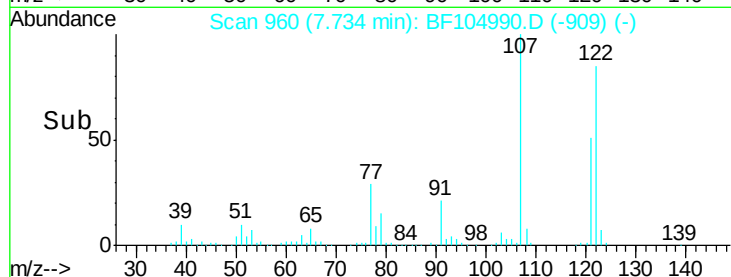
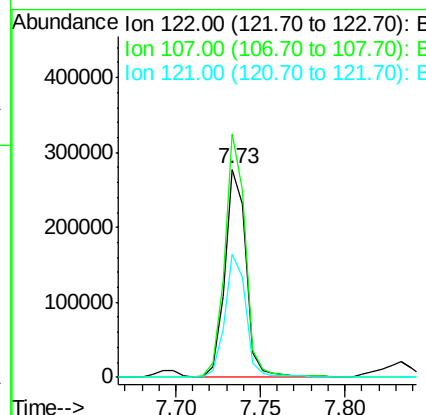
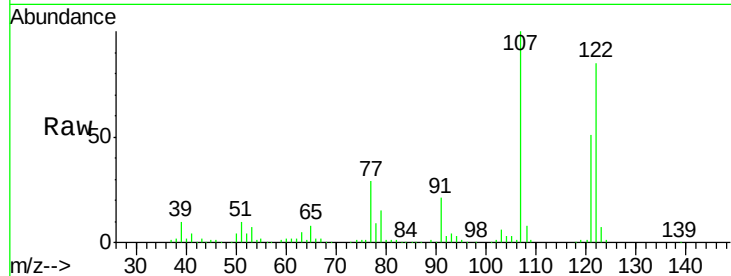
#27
 2,4-Dimethylphenol
 Concen: 35.358 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	244921		
107	117.1	91.2	136.8	
121	59.2	47.2	70.8	

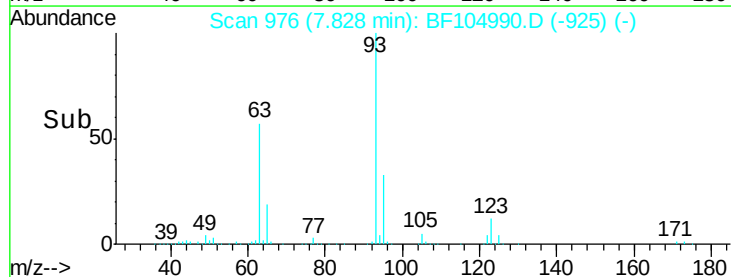
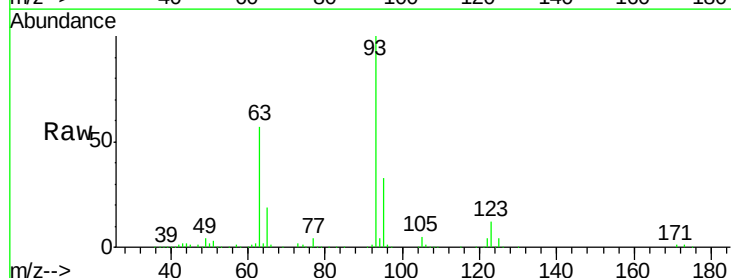
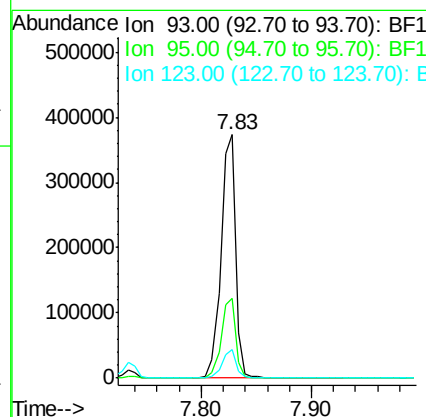
Manual Integrations
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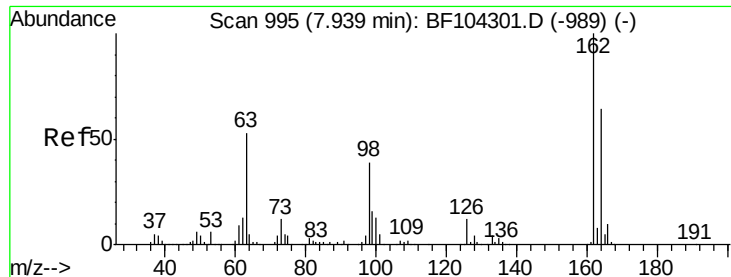
Sohil
 5/2/2018 4:21:30 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.565 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	341298		
95	32.9	26.3	39.5	
123	11.7	9.8	14.6	





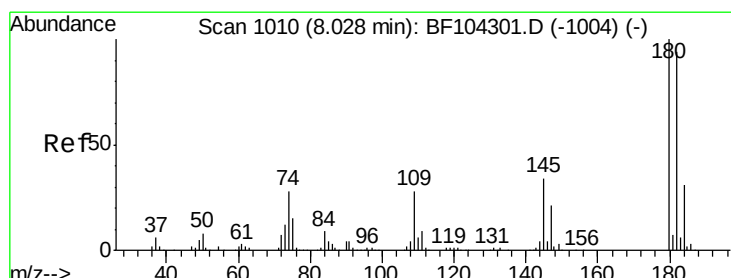
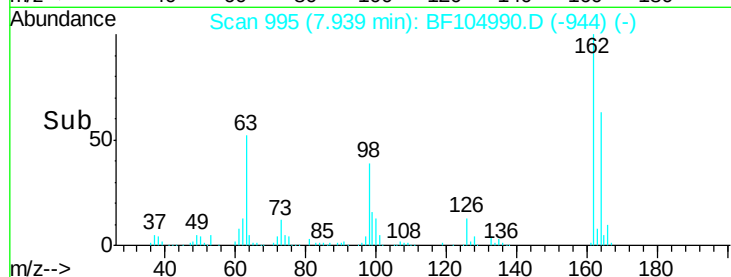
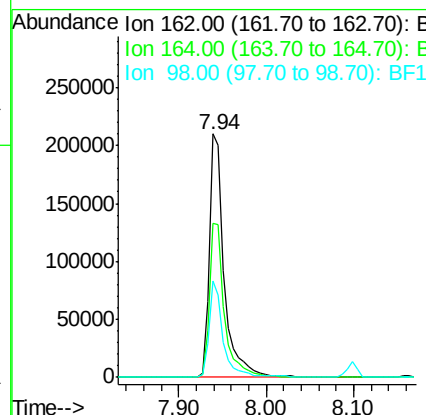
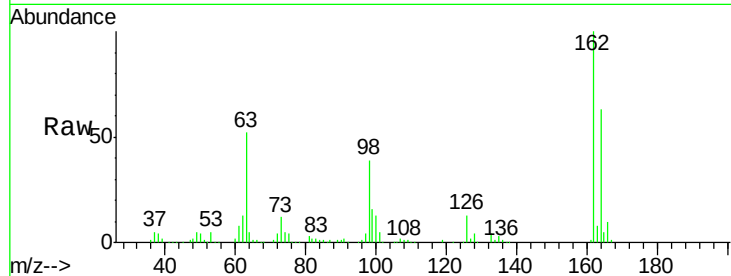
#29
2,4-Dichlorophenol
Concen: 37.467 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	247629		
164	63.1	42.7	82.7	
98	39.4	18.1	58.1	

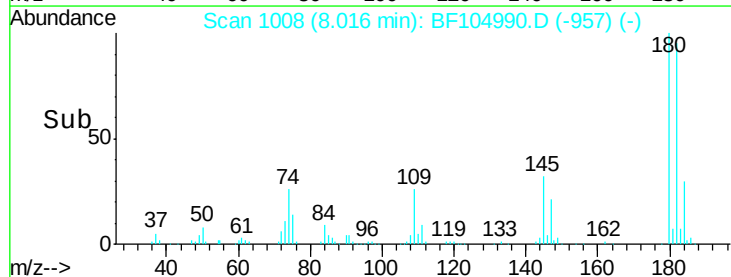
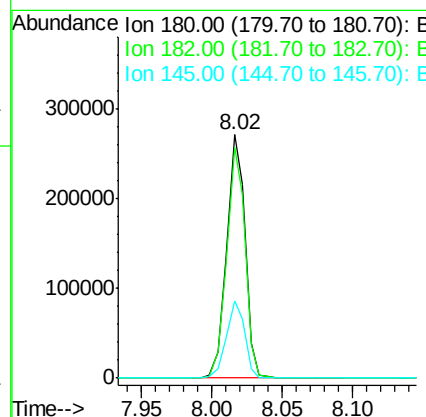
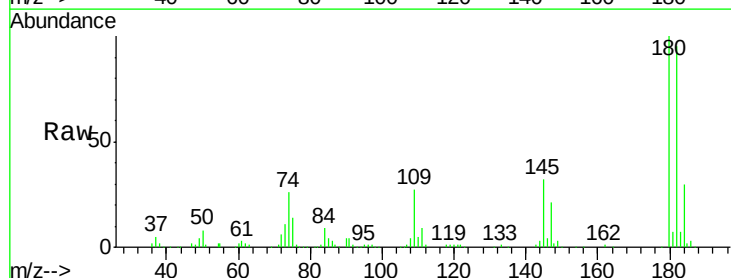
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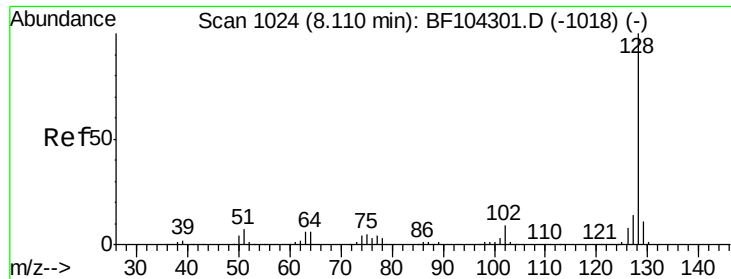
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 34.022 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	246773		
182	94.8	76.8	115.2	
145	31.6	26.5	39.7	





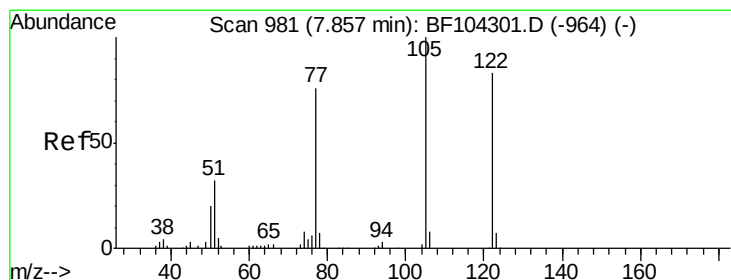
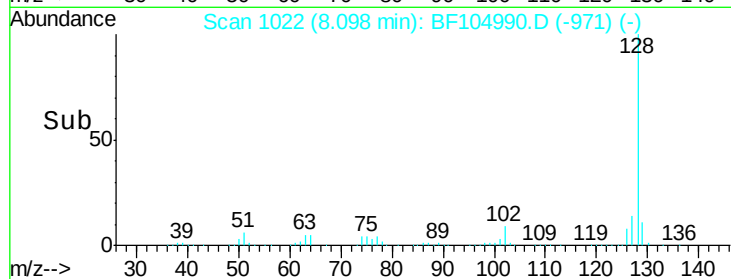
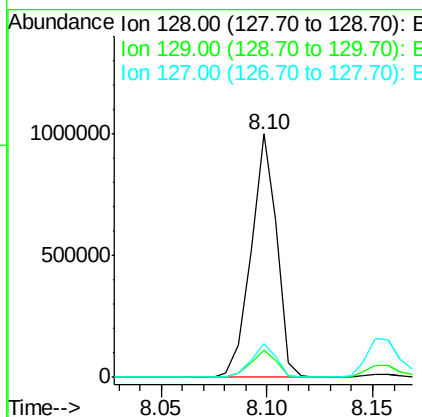
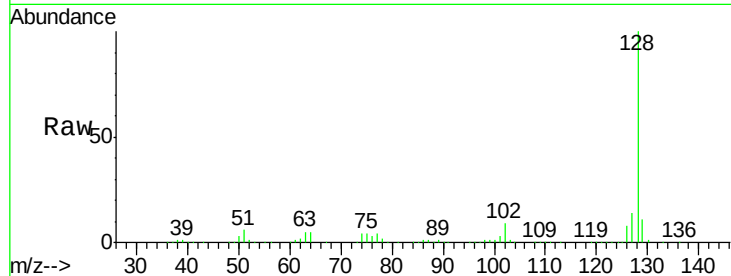
#31
Naphthalene
Concen: 34.973 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	844009		
129	11.5		8.8	13.2
127	13.7		10.9	16.3

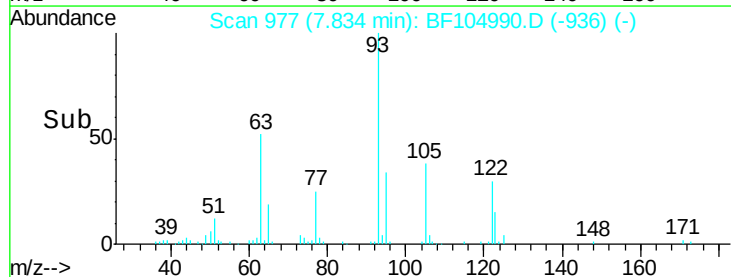
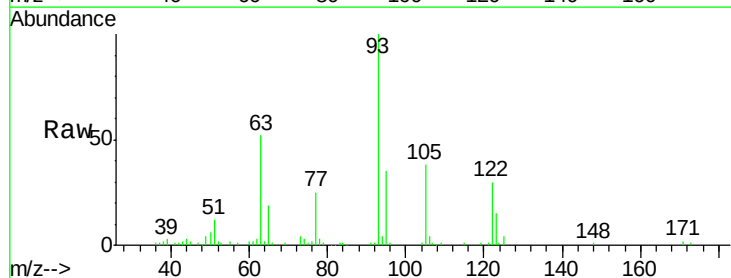
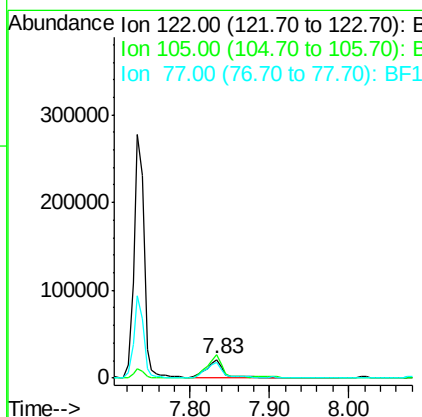
Manual Integrations
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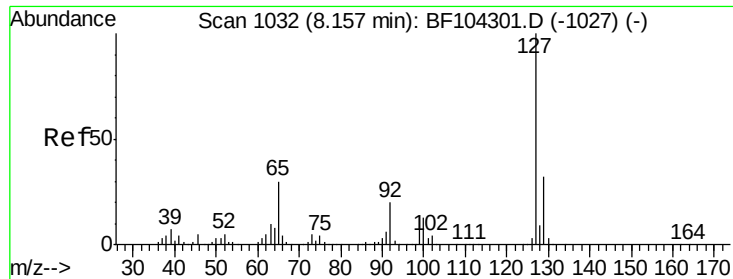
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#32
Benzoic acid
Concen: 6.445 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	35619		
105	124.5		101.1	141.1
77	83.9		70.7	110.7





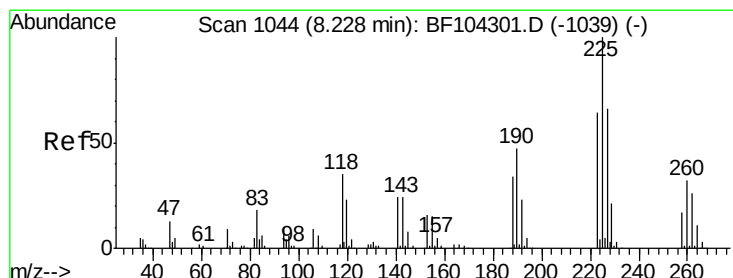
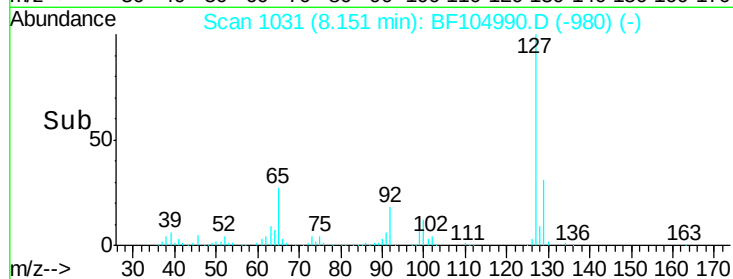
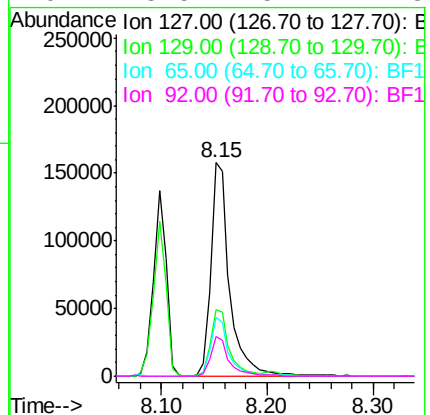
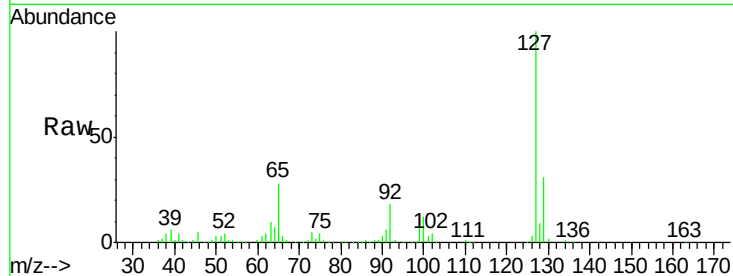
#33
4-Chloroaniline
Concen: 19.066 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	197126		
129	31.0	25.9	38.9	
65	27.5	25.0	37.4	
92	18.5	15.2	22.8	

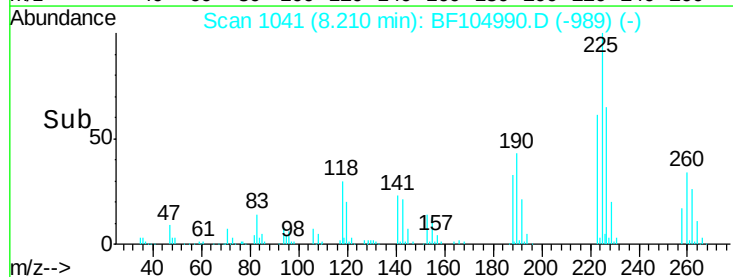
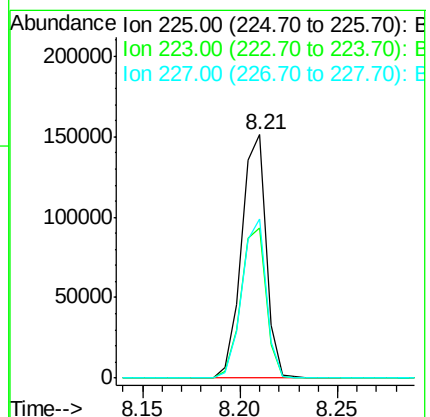
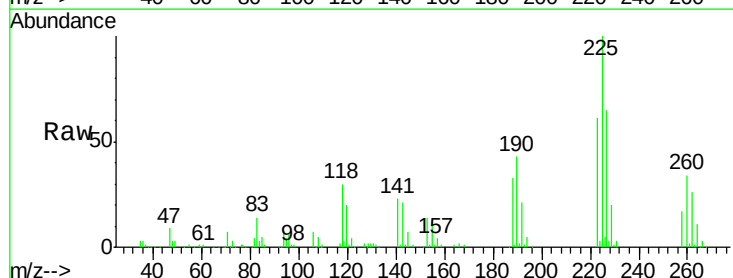
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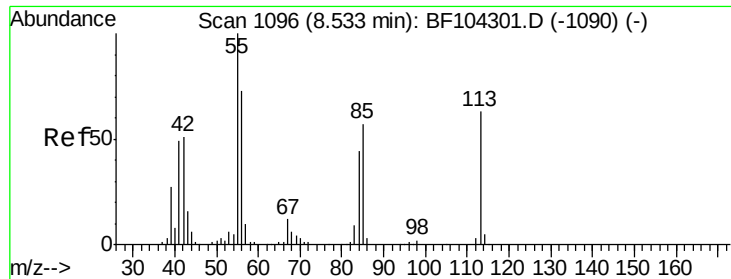
Sohil
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#34
Hexachlorobutadiene
Concen: 33.441 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	132859		
223	61.5	50.6	76.0	
227	65.4	51.9	77.9	





#35

Caprolactam

Concen: 34.344 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

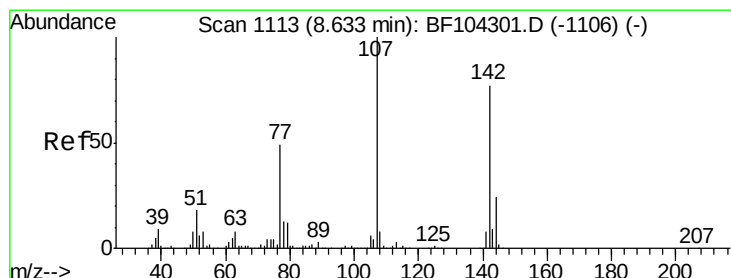
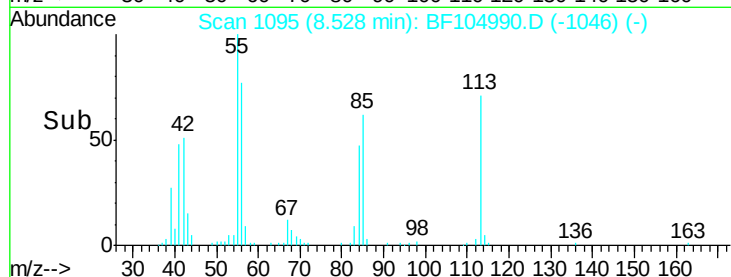
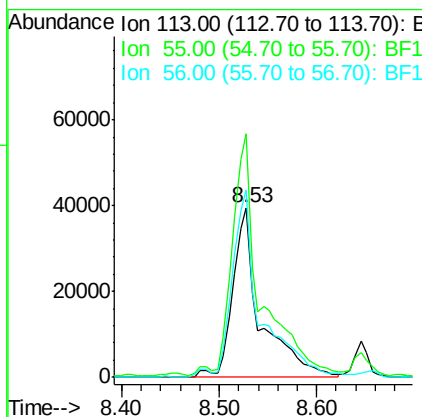
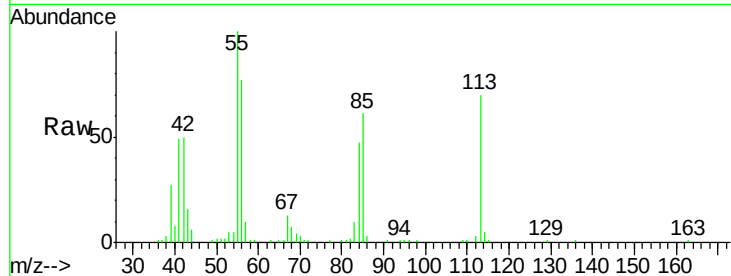
ClientSampleId :

TP-4 0.0-0.5MS

Tgt Ion:	113	Resp:	79186
Ion Ratio	Lower	Upper	
113	100		
55	143.3	163.3	203.3#
56	110.4	115.7	155.7#

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#36

4-Chloro-3-methylphenol

Concen: 35.917 ng

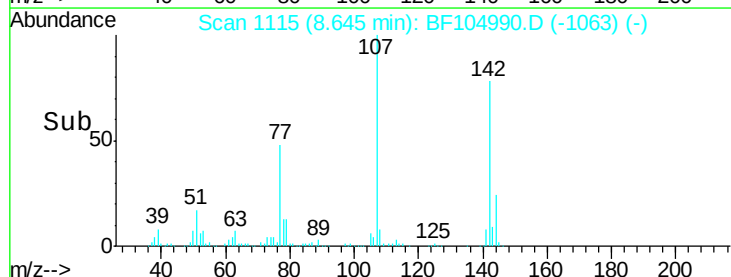
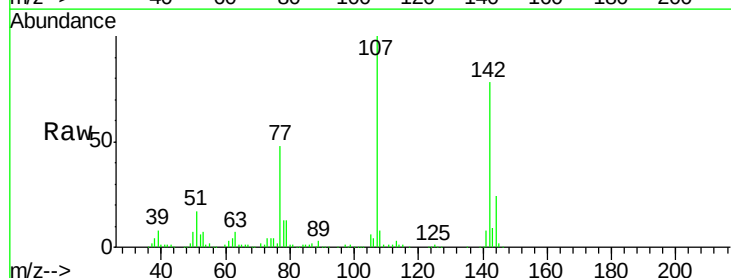
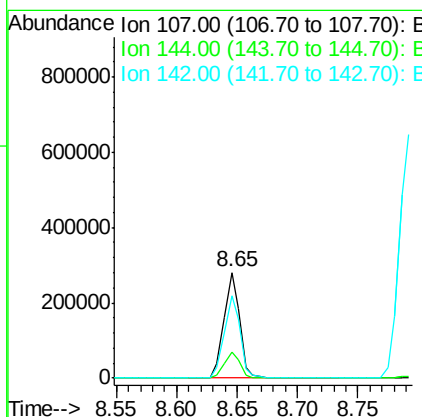
RT: 8.65 min Scan# 1115

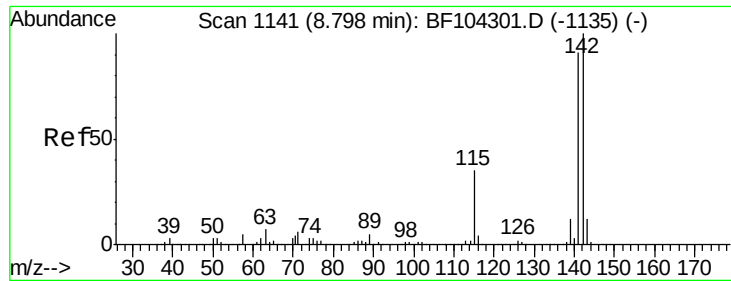
Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Tgt Ion:	107	Resp:	254543
Ion Ratio	Lower	Upper	
107	100		
144	24.4	20.5	30.7
142	78.0	62.0	93.0





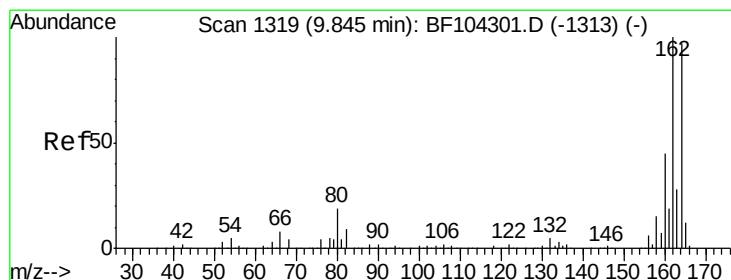
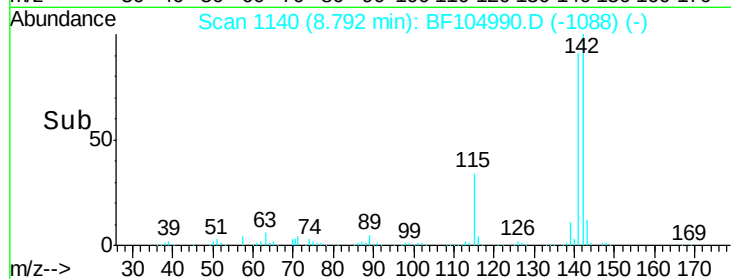
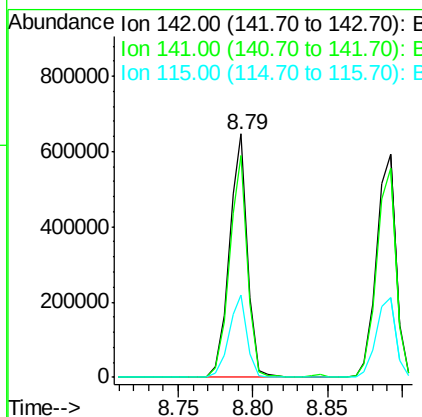
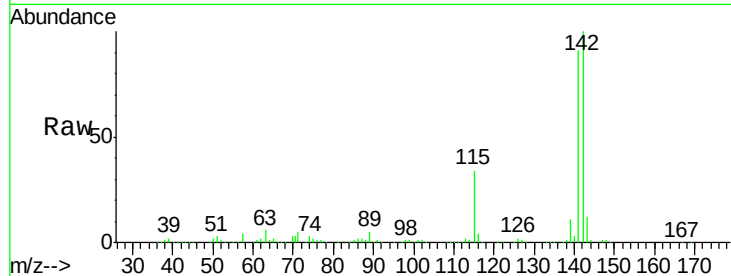
#37
 2-Methylnaphthalene
 Concen: 35.657 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.8	106.2
115	34.0	26.1	39.1

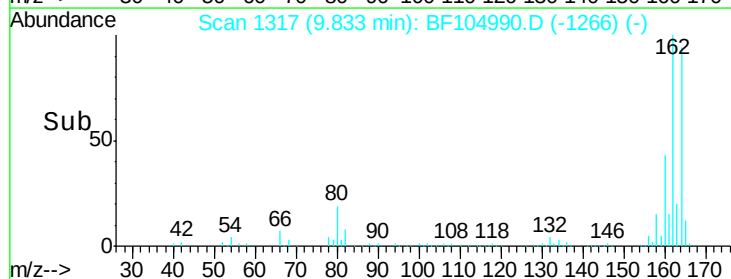
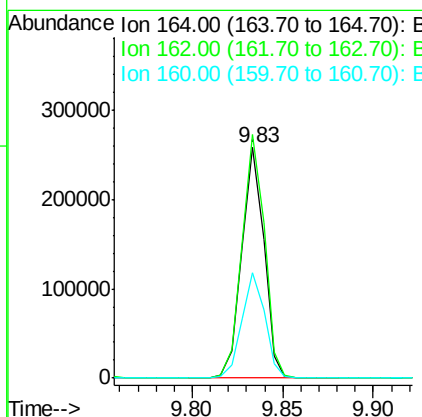
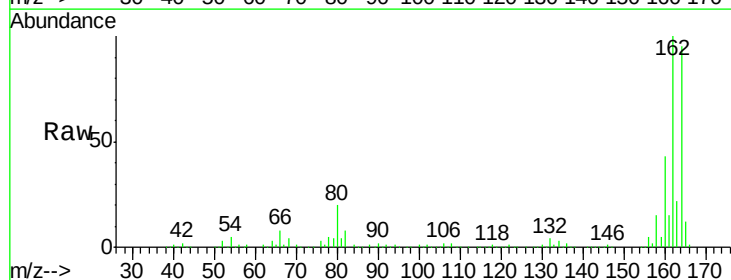
Manual Integrations
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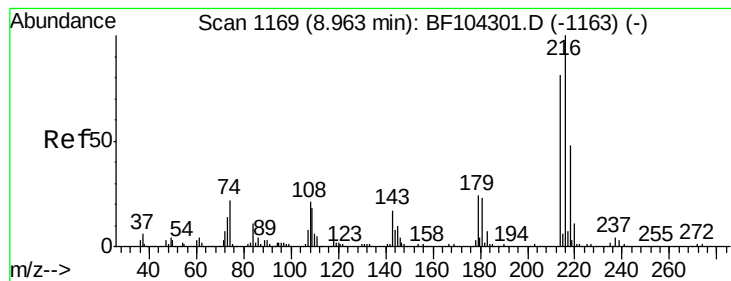
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	45.7	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.860 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

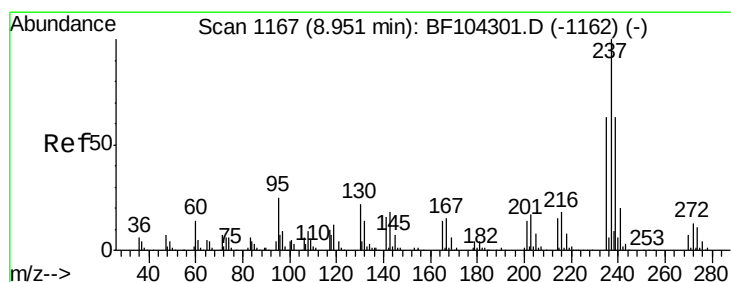
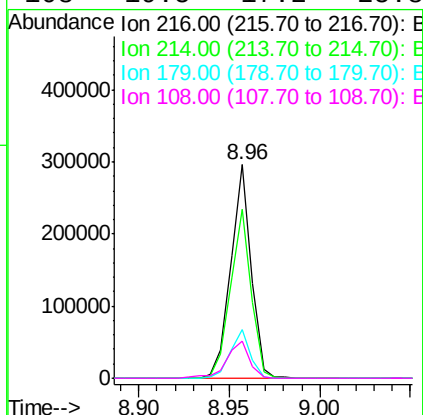
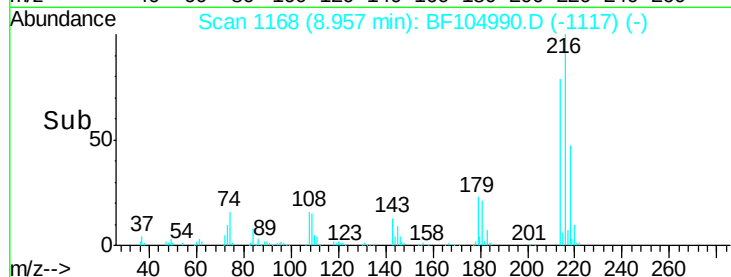
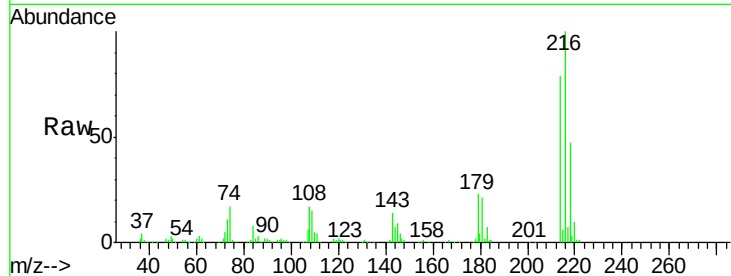
ClientSampleId :

TP-4 0.0-0.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	232751		
214	80.1	63.0	94.4	
179	22.5	18.1	27.1	
108	19.5	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 18.647 ng

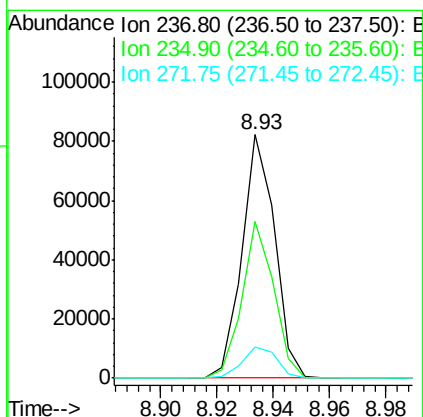
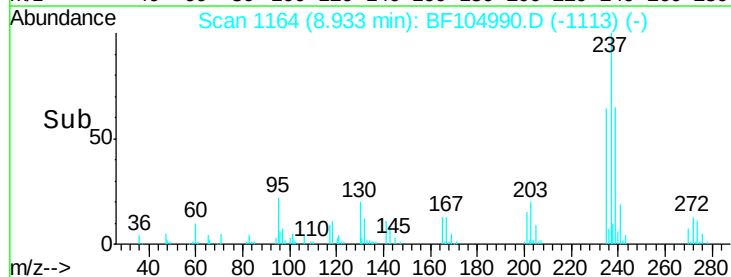
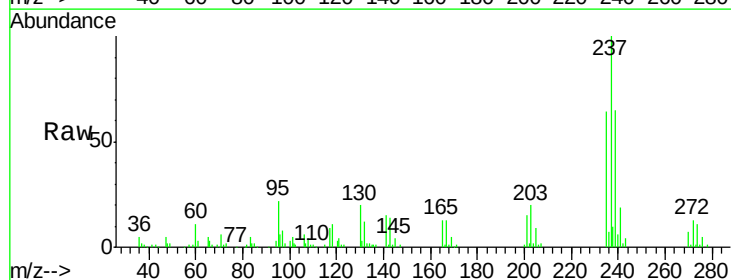
RT: 8.93 min Scan# 1164

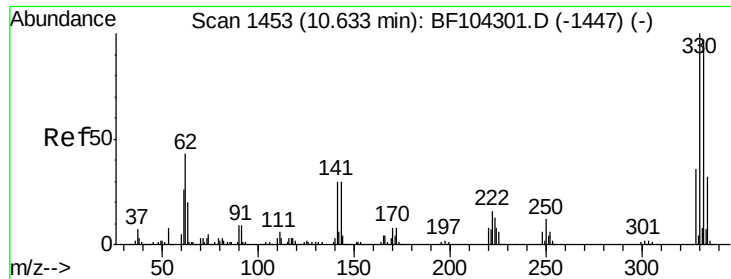
Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	65918		
235	64.3	44.8	84.8	
272	13.0	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 112.206 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

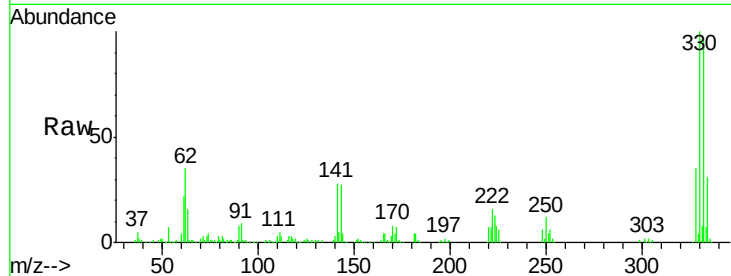
ClientSampled :

TP-4 0.0-0.5MS

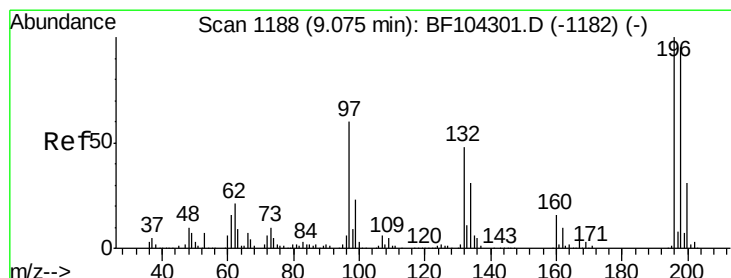
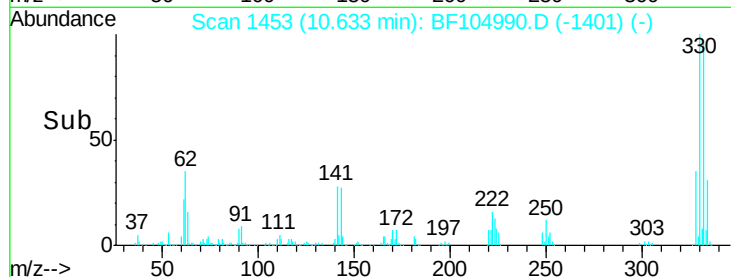
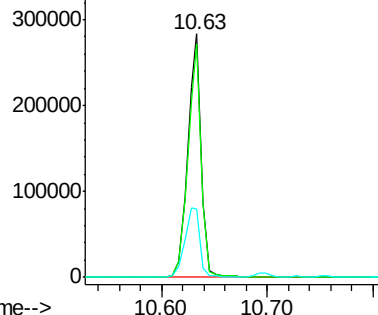
Tgt Ion:	330	Resp:	256750
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.0	115.6
141	32.9	29.9	44.9

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



#42

2,4,6-Trichlorophenol

Concen: 36.968 ng

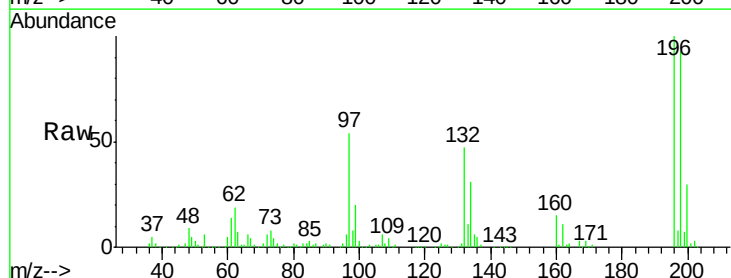
RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

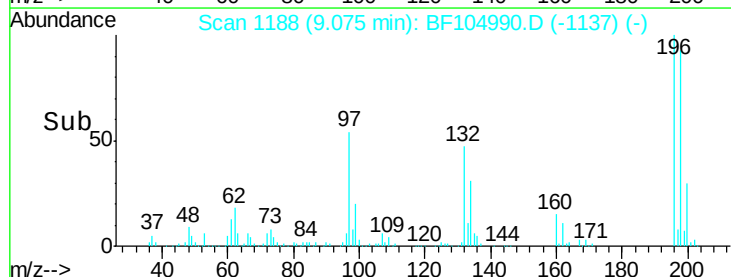
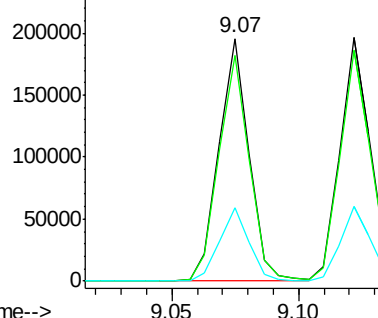
Lab File: BF104990.D

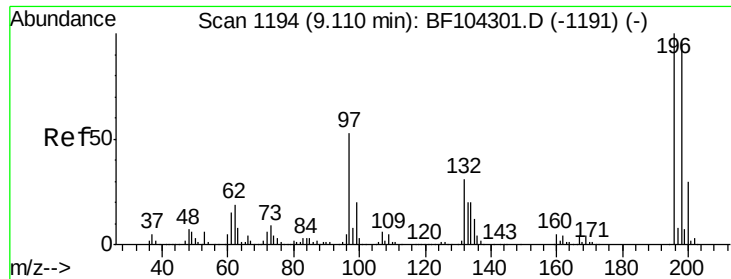
Acq: 1 May 2018 18:07

Tgt Ion:	196	Resp:	162048
Ion Ratio	Lower	Upper	
196	100		
198	92.8	75.7	113.5
200	30.2	24.5	36.7



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





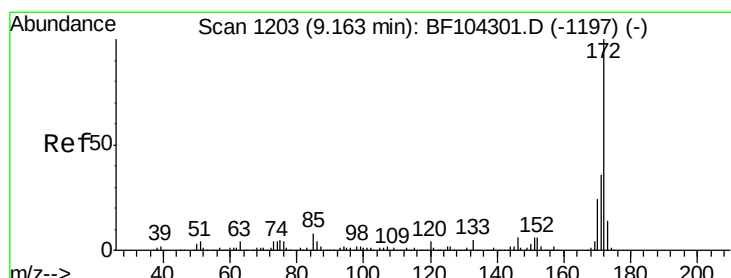
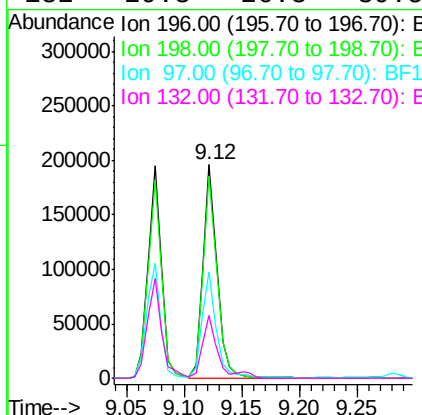
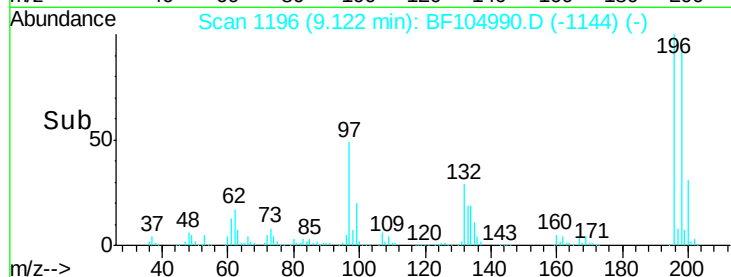
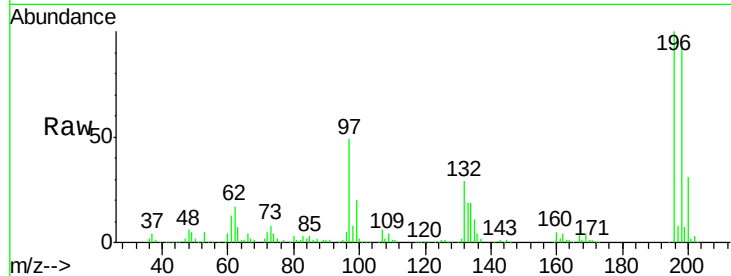
#43
 2,4,5-Trichlorophenol
 Concen: 35.066 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		172006		
198	94.7	74.6	112.0		
97	49.5	42.9	64.3		
132	29.3	26.3	39.5		

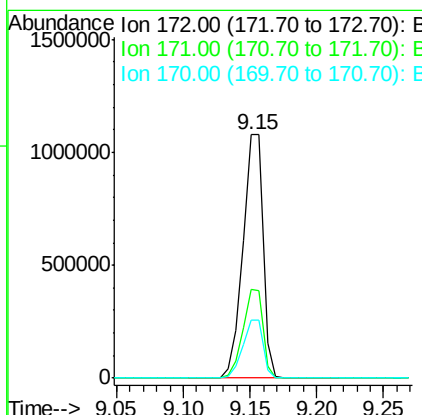
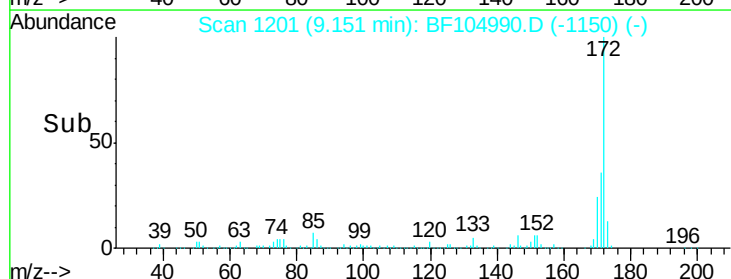
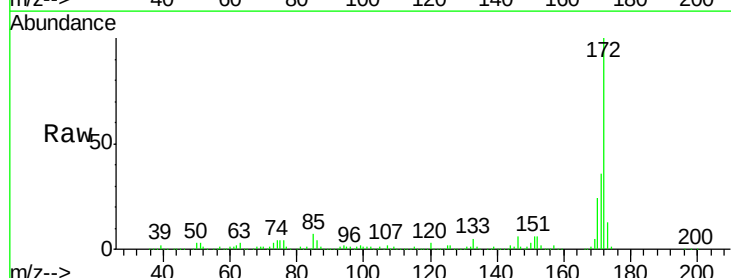
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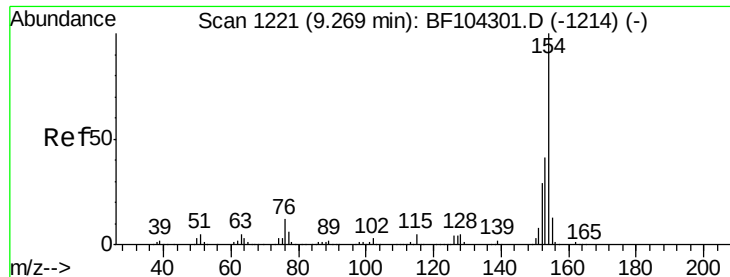
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#44
 2-Fluorobiphenyl
 Concen: 80.655 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1126218		
171	36.4	29.7	44.5		
170	23.8	19.6	29.4		





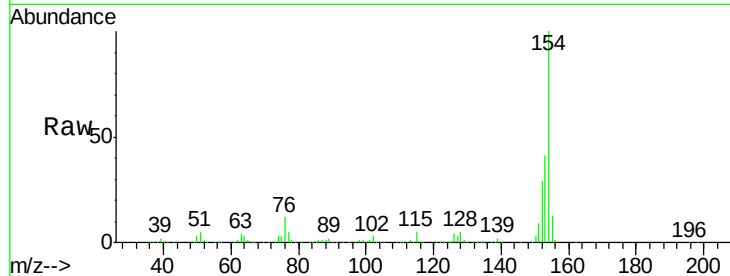
#45
 1,1'-Biphenyl
 Concen: 34.357 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.0	21.3	61.3	
76	11.6	0.0	34.0	

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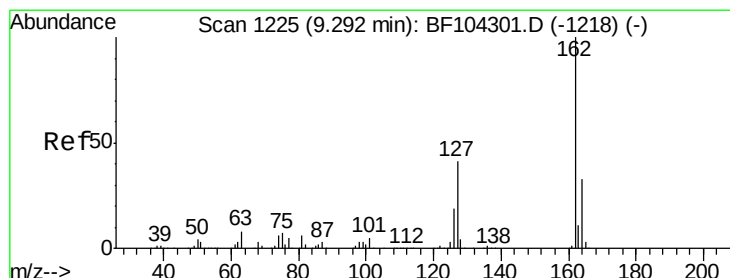
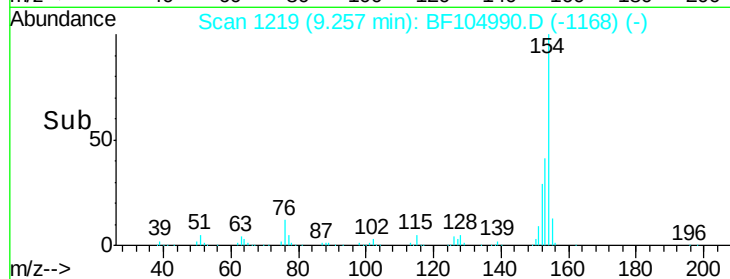
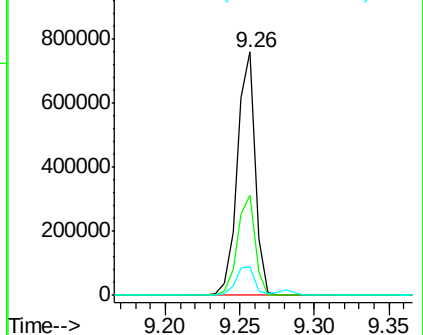


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 34.677 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

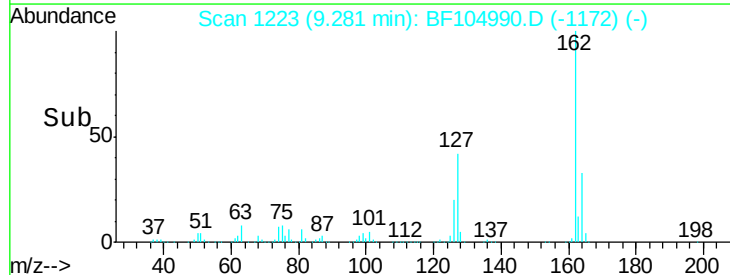
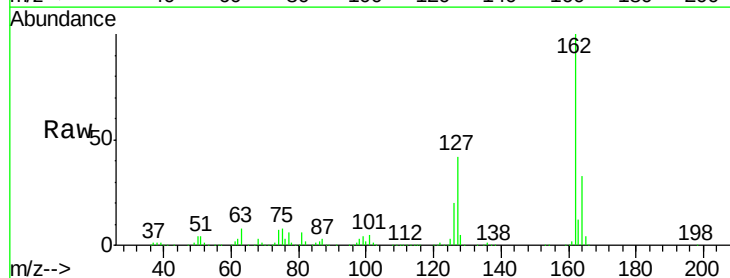
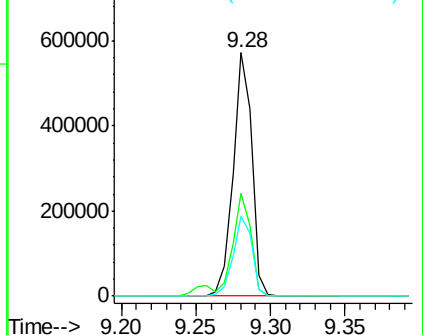
Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.1	33.9	50.9	
164	32.5	26.5	39.7	

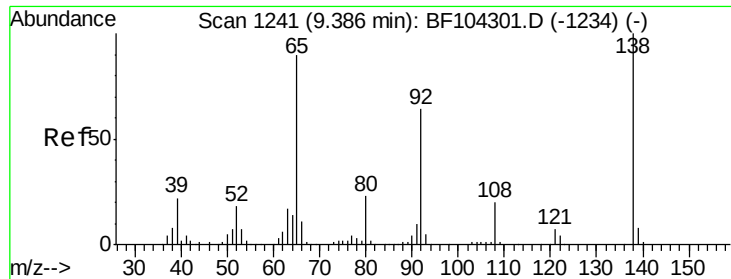
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





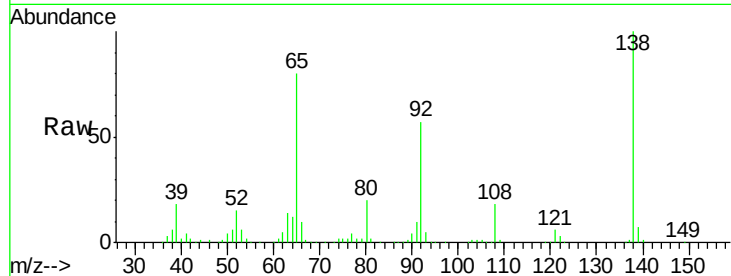
#47
2-Nitroaniline
Concen: 41.099 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

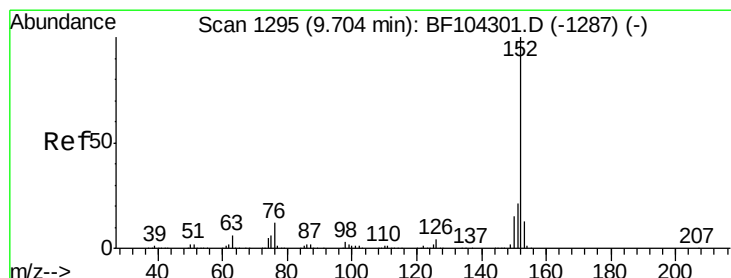
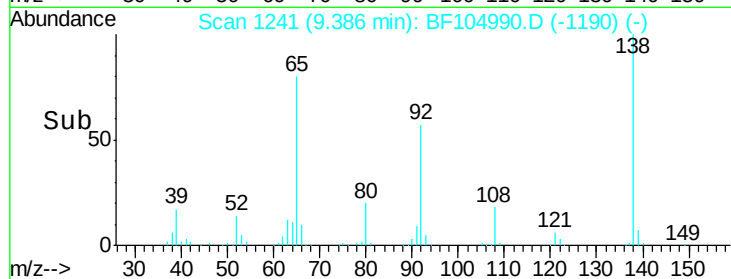
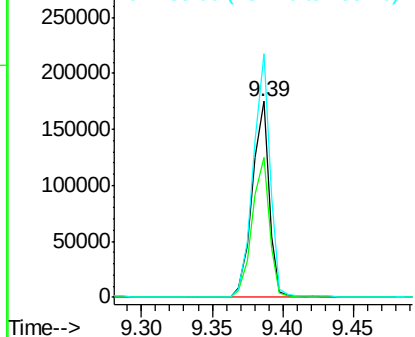
Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	55.8	83.6
138	124.3	91.2	136.8

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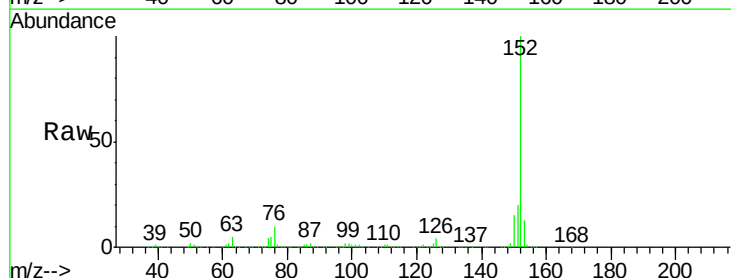


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

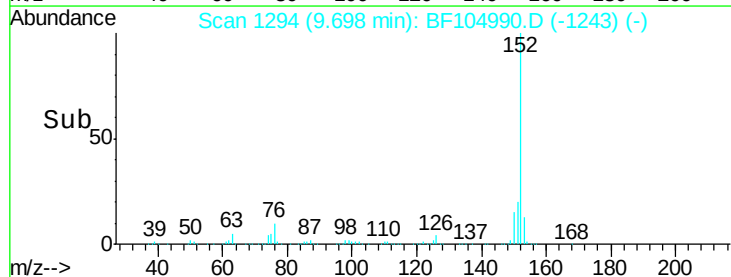
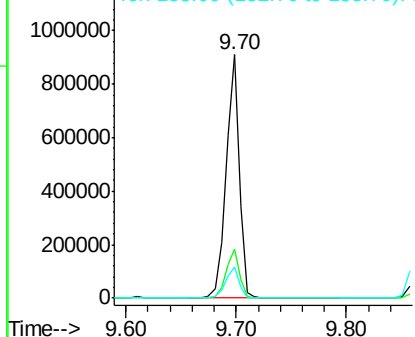


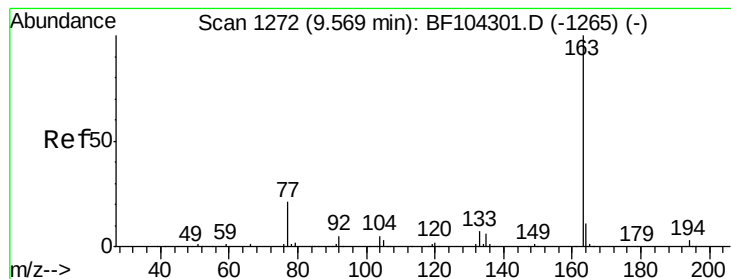
#48
Acenaphthylene
Concen: 32.992 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.0	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 42.945 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

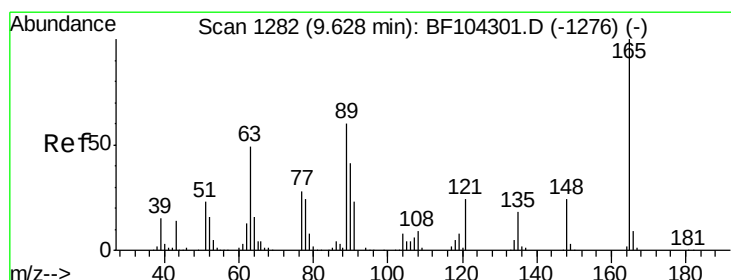
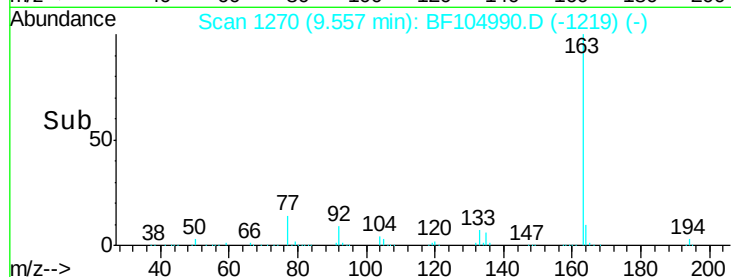
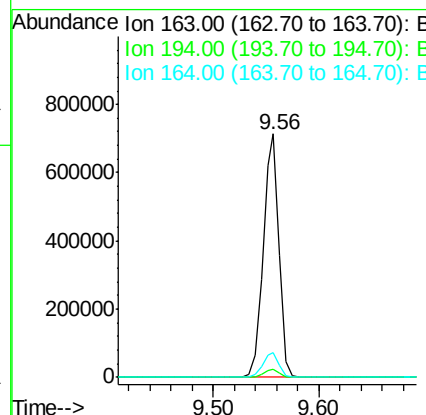
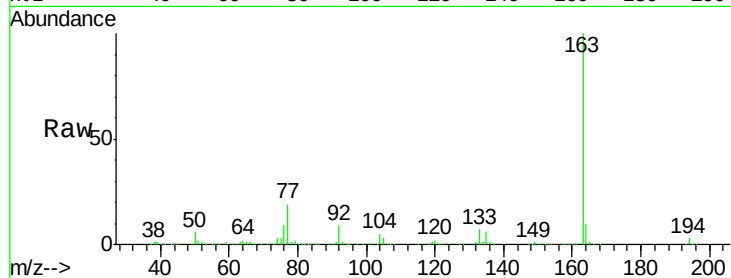
ClientSampleId :

TP-4 0.0-0.5MS

Tgt Ion:	163	Resp:	747028
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.3	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 40.358 ng

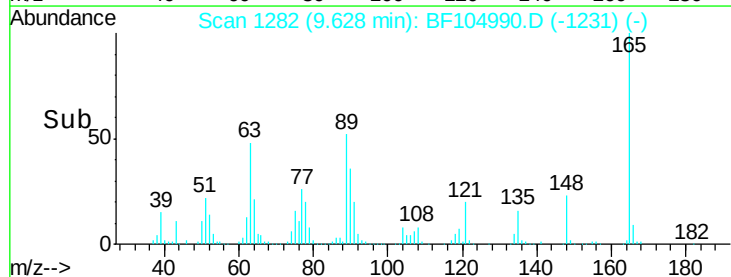
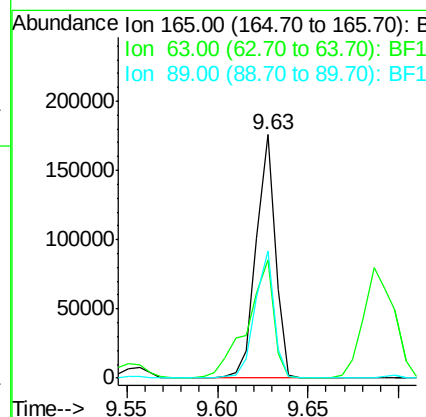
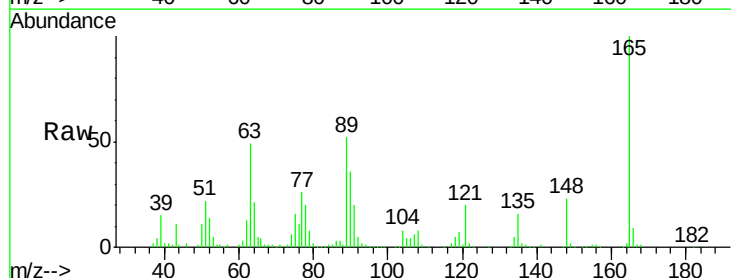
RT: 9.63 min Scan# 1282

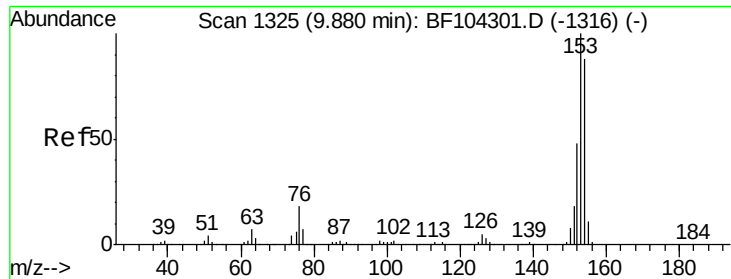
Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Tgt Ion:	165	Resp:	129901
Ion Ratio	Lower	Upper	
165	100		
63	48.7	44.7	67.1
89	52.1	44.0	66.0





#51

Acenaphthene

Concen: 32.653 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF104990.D

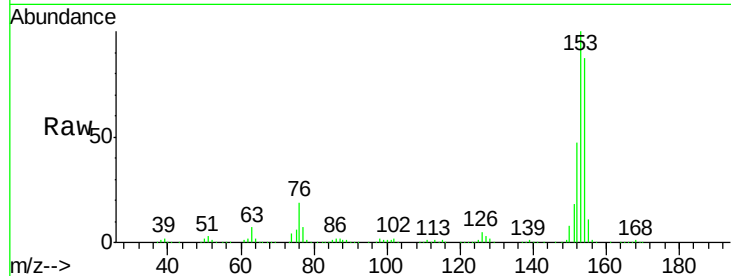
Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

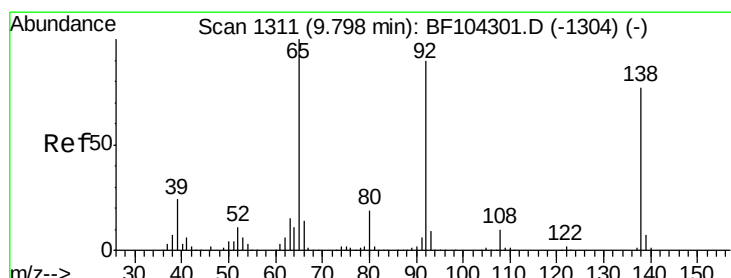
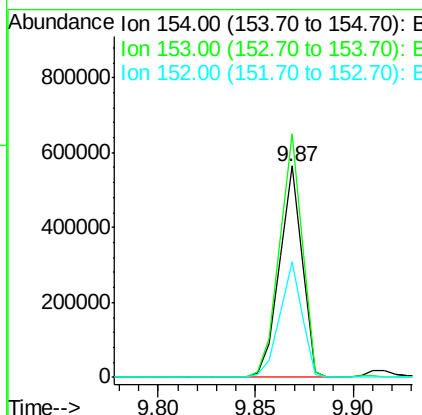
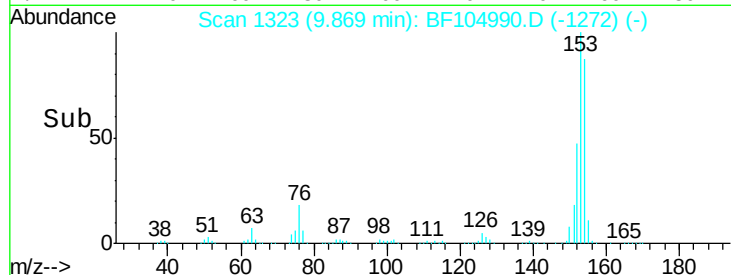
TP-4 0.0-0.5MS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	115.1	91.2	136.8	
152	54.4	43.8	65.8	

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#52

3-Nitroaniline

Concen: 31.791 ng

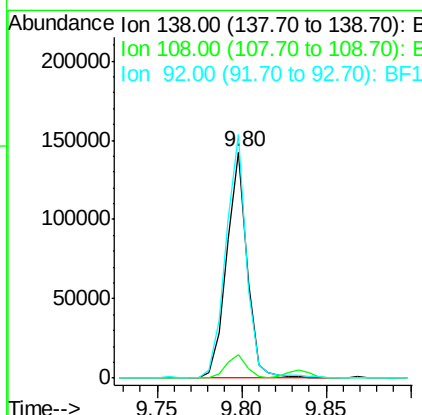
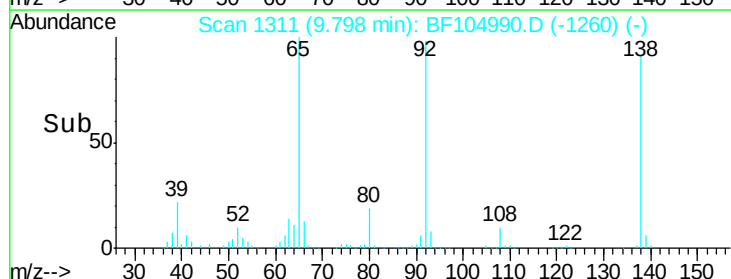
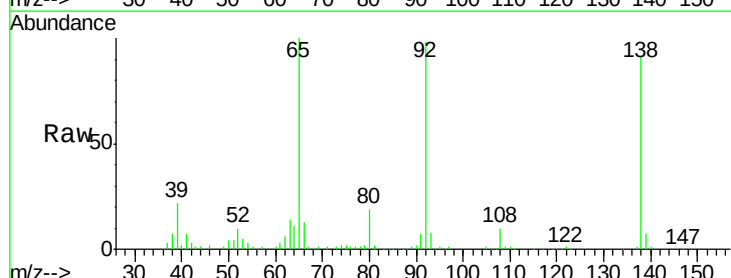
RT: 9.80 min Scan# 1311

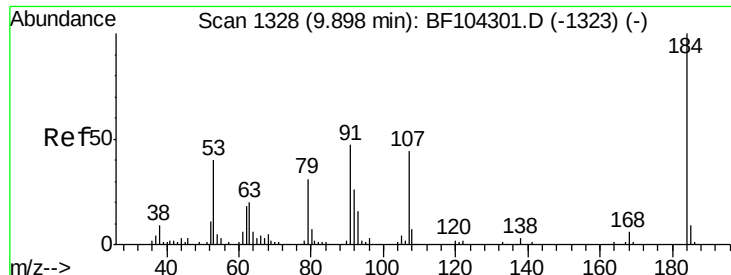
Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.5	9.4	14.0	
92	107.6	89.4	134.2	





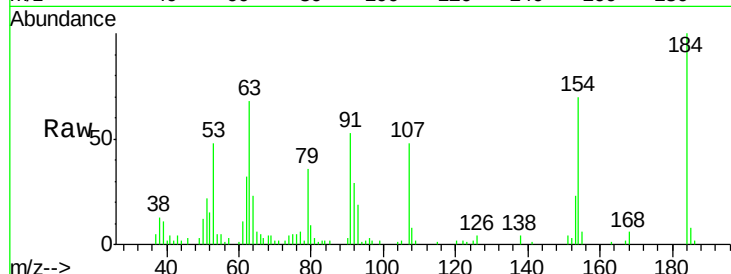
#53
2,4-Dinitrophenol
Concen: 31.617 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

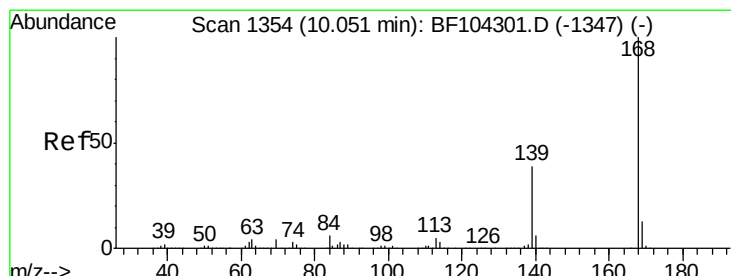
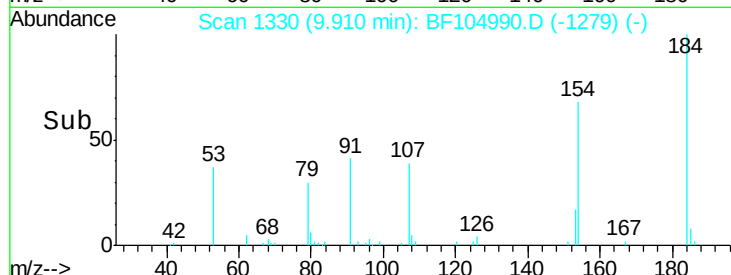
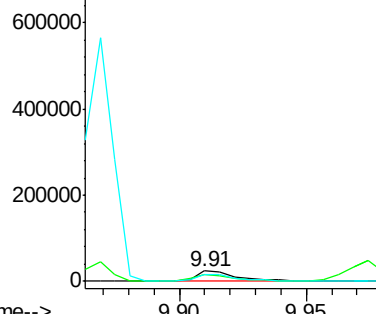
Tgt Ion:184 Resp: 28247
Ion Ratio Lower Upper
184 100
63 68.4 54.2 81.2
154 70.4 184.0 276.0#

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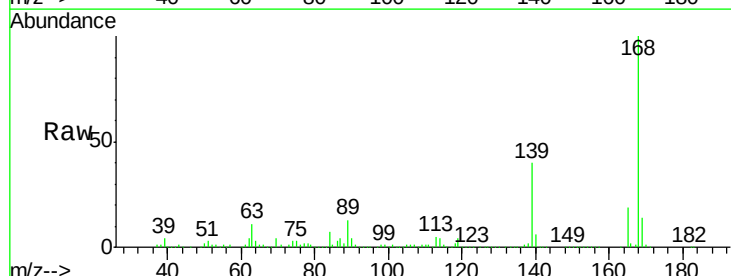


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

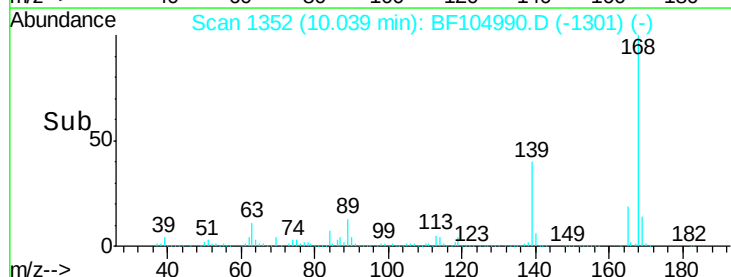
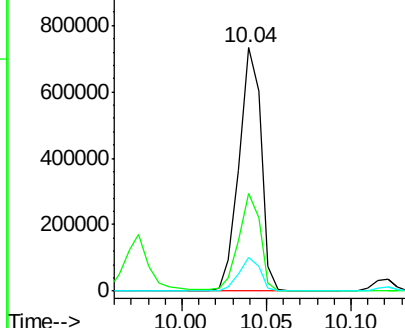


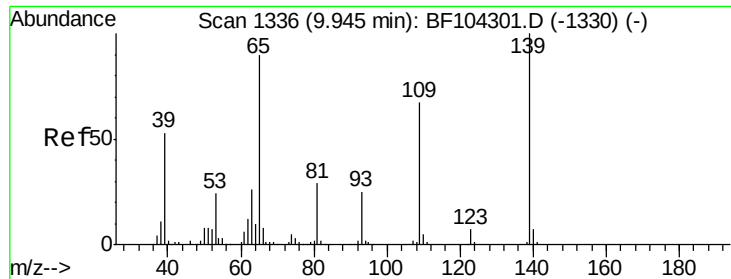
#54
Dibenzofuran
Concen: 34.203 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion:168 Resp: 667884
Ion Ratio Lower Upper
168 100
139 40.3 30.1 45.1
169 13.9 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





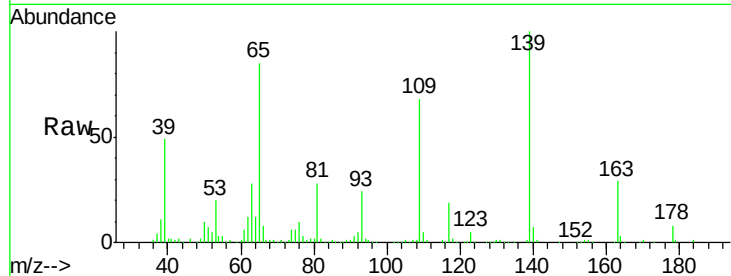
#55
4-Nitrophenol
Concen: 58.585 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

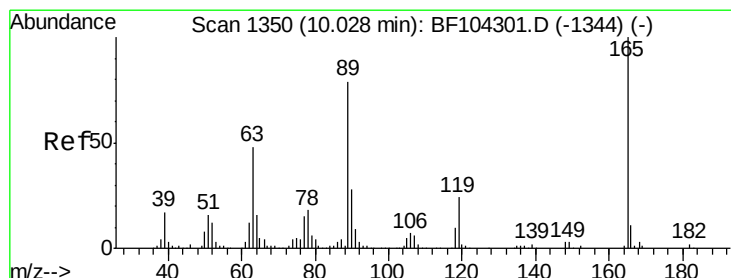
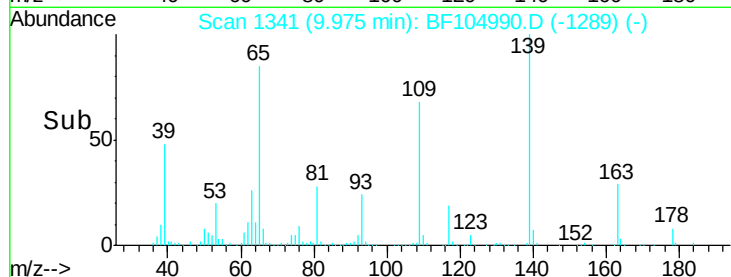
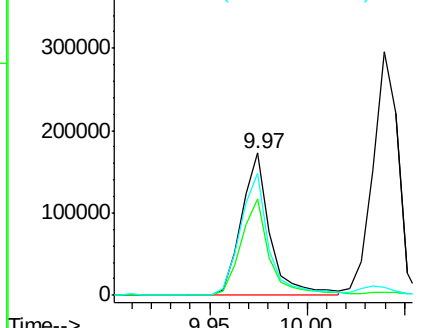
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	173415		
109	68.2	48.4	88.4	
65	85.4	72.6	112.6	

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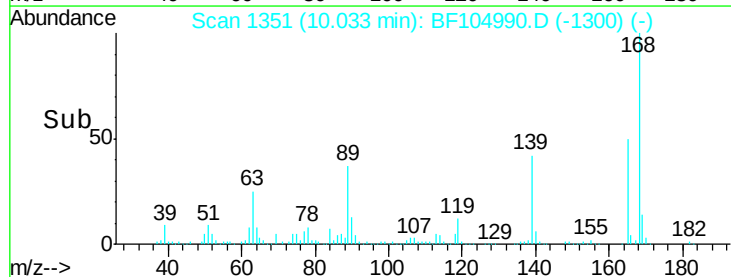
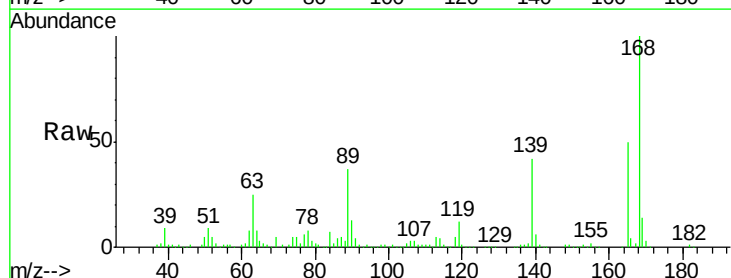
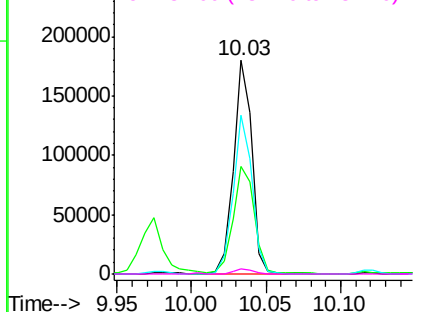
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

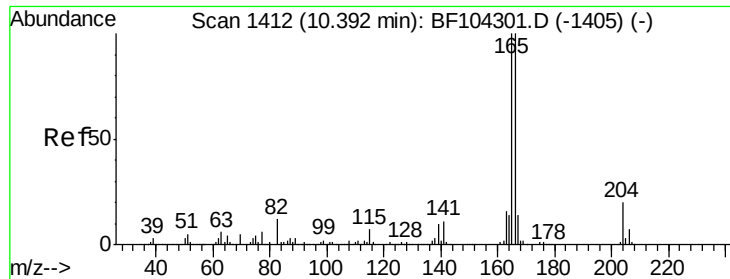


#56
2,4-Dinitrotoluene
Concen: 37.254 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	157289		
63	50.1	36.4	54.6	
89	74.4	57.8	86.6	
182	2.5	1.6	2.4	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.693 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.01 min

Lab File: BF104990.D

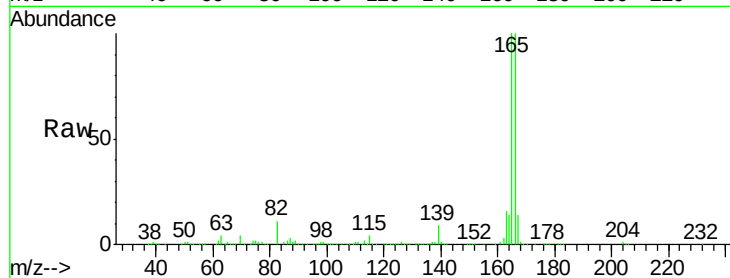
Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

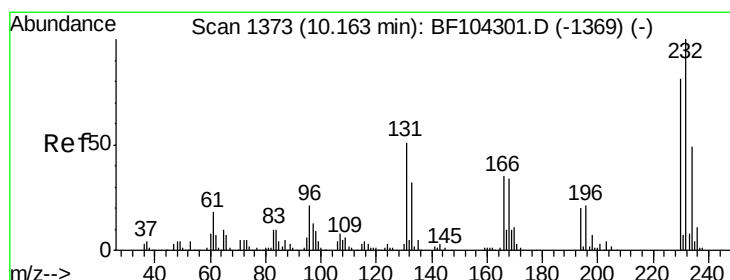
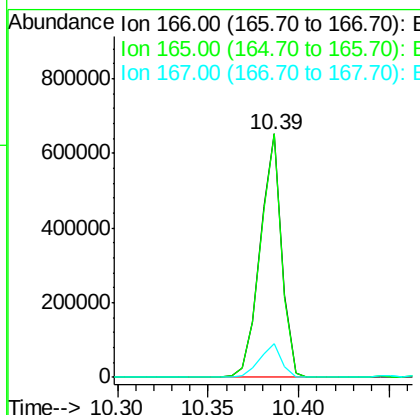
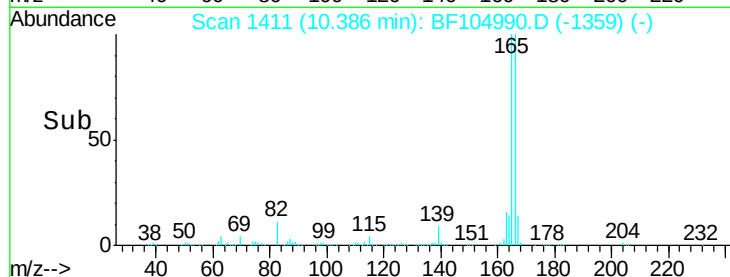
TP-4 0.0-0.5MS



Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.8	119.8
167	14.0	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 35.400 ng

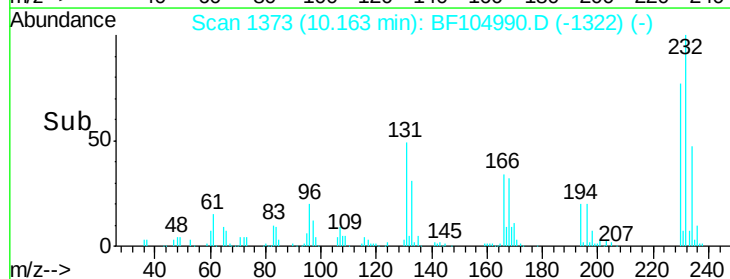
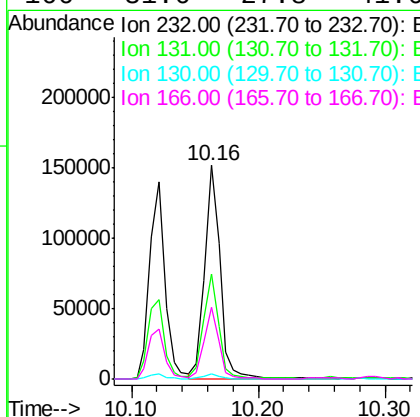
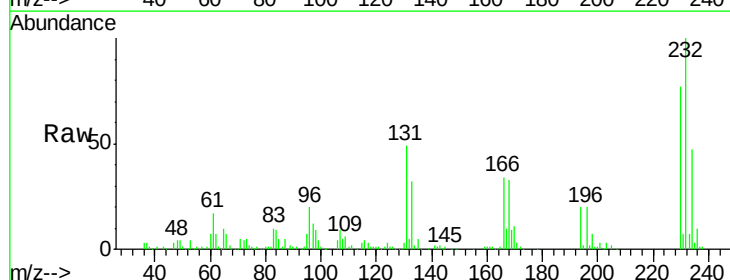
RT: 10.16 min Scan# 1373

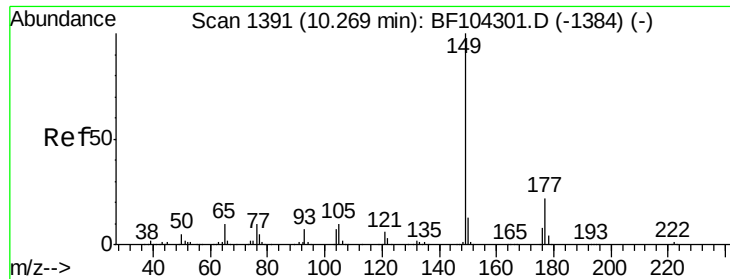
Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.3	43.8	65.8
130	2.6	2.1	3.1
166	31.6	27.8	41.6





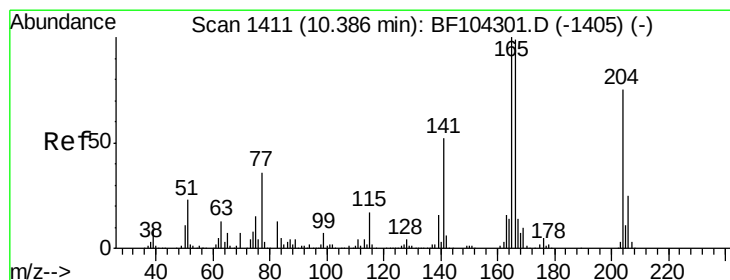
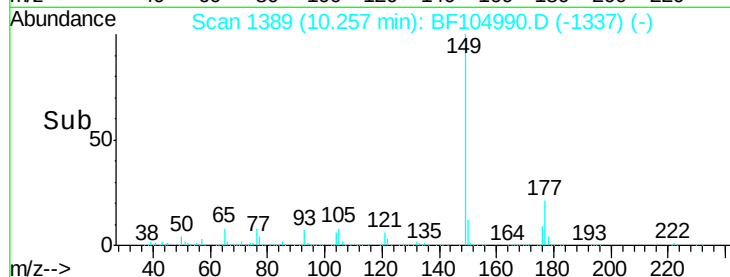
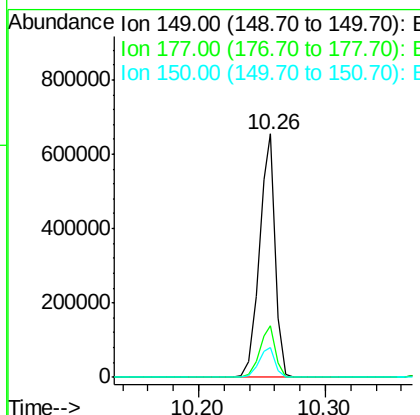
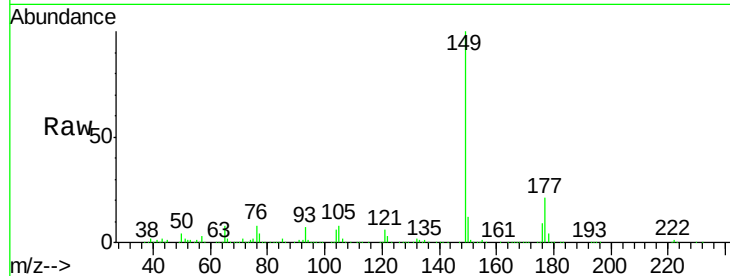
#59
Diethylphthalate
Concen: 33.164 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.1	24.1
150	12.3	10.1	15.1

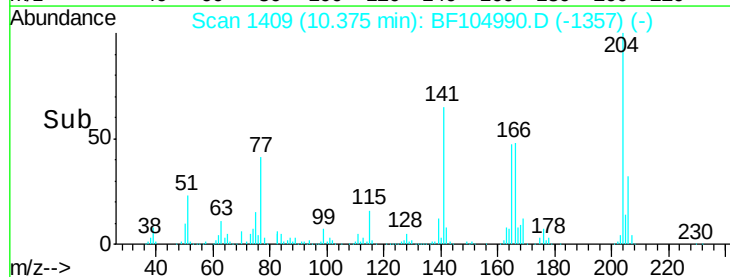
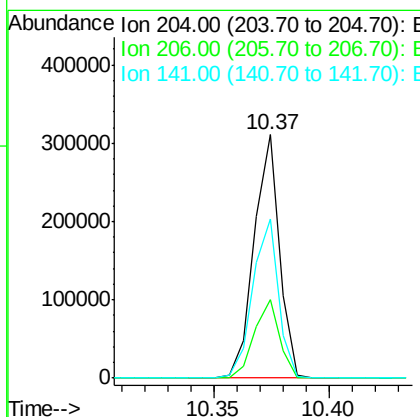
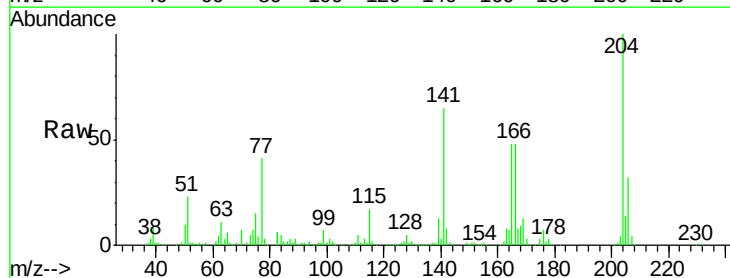
Manual Integrations
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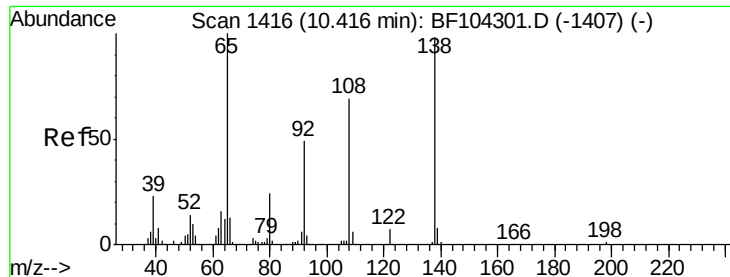
Sohil
5/2/2018 4:21:30 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.938 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	65.2	54.6	81.8





#61

4-Nitroaniline

Concen: 37.018 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

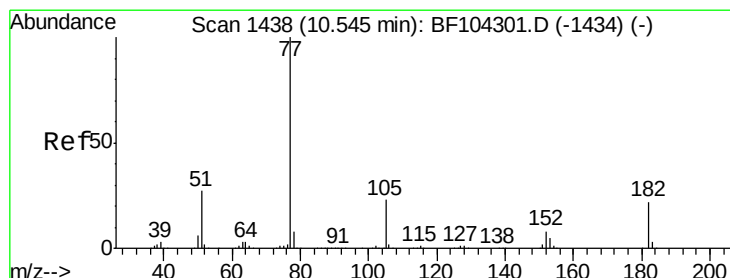
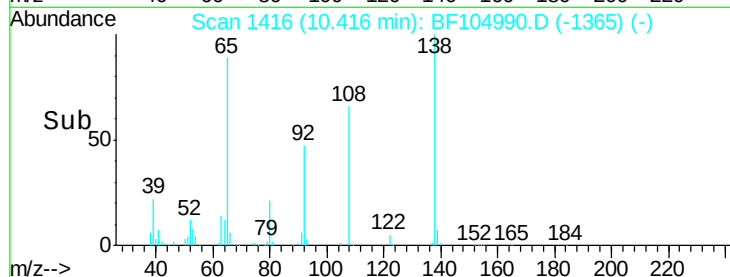
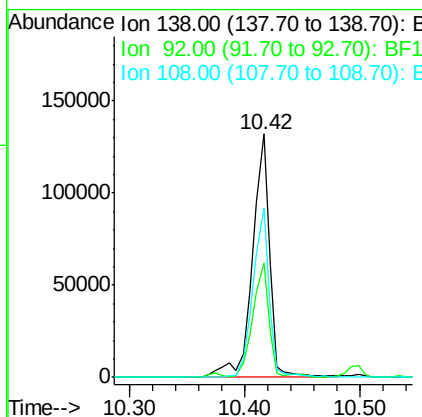
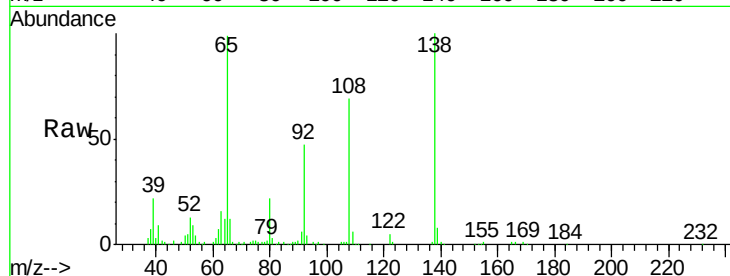
ClientSampleId :

TP-4 0.0-0.5MS

Tgt Ion:	138	Resp:	136390
Ion Ratio	Lower	Upper	
138	100		
92	46.9	30.2	70.2
108	69.3	52.5	92.5

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5/2/2018 4:21:30 PM



#62

Azobenzene

Concen: 30.533 ng

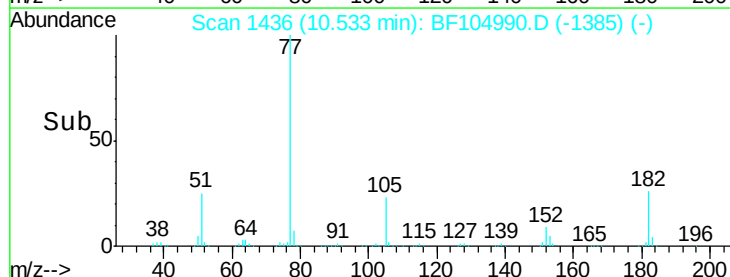
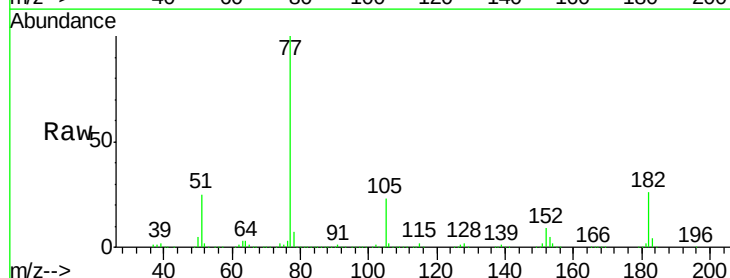
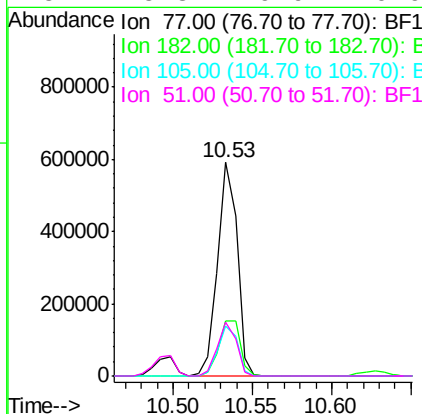
RT: 10.53 min Scan# 1436

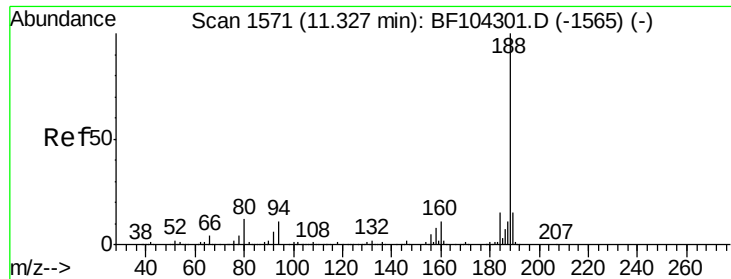
Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Tgt Ion:	77	Resp:	505366
Ion Ratio	Lower	Upper	
77	100		
182	25.8	1.7	41.7
105	23.4	3.0	43.0
51	25.3	9.9	49.9





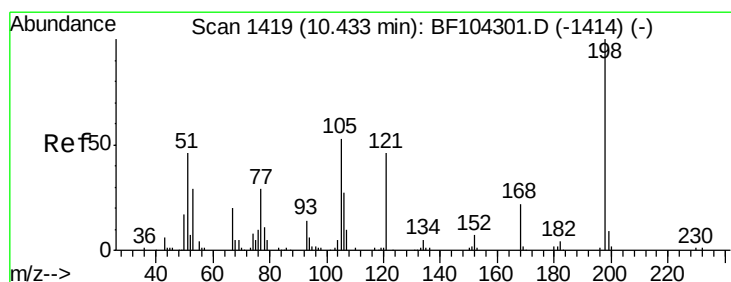
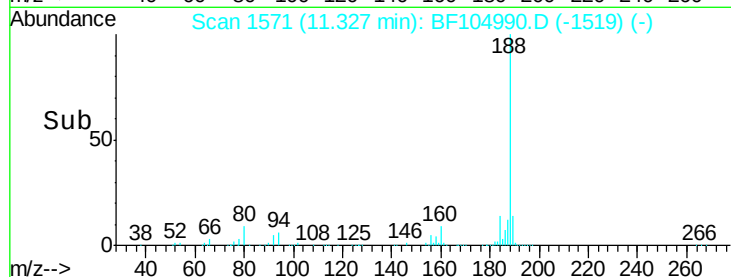
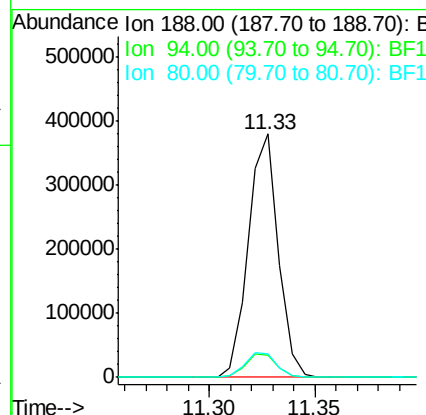
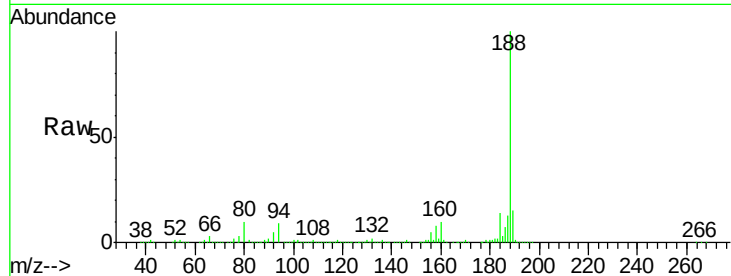
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	373289		
94	9.4		8.5	12.7
80	9.8		9.2	13.8

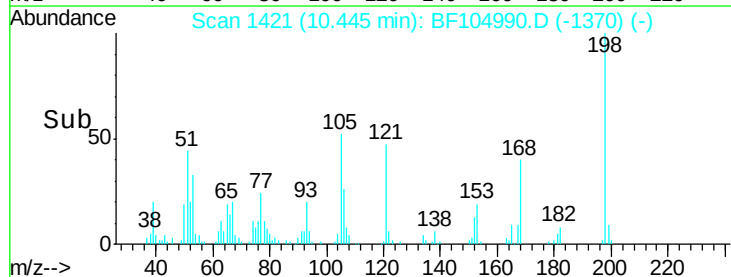
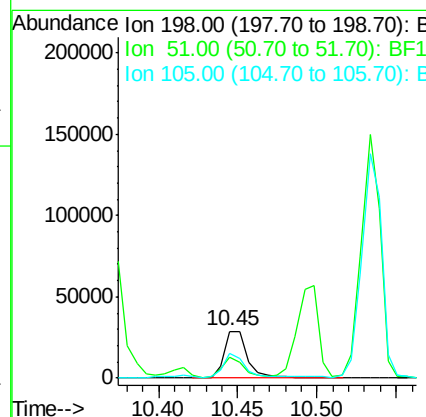
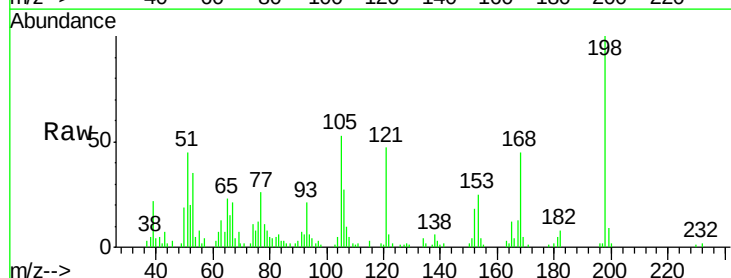
Manual Integrations
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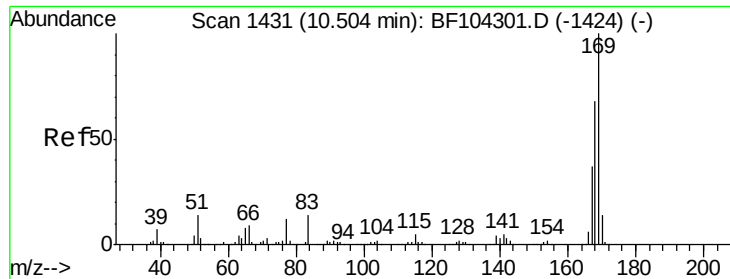
Sohil
5/2/2018 4:21:30 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 21.104 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	29530		
51	44.8		37.7	77.7
105	53.0		36.3	76.3





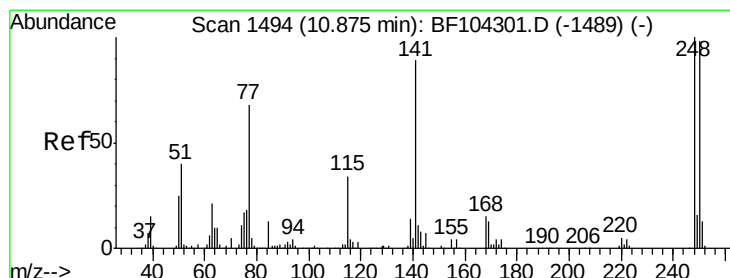
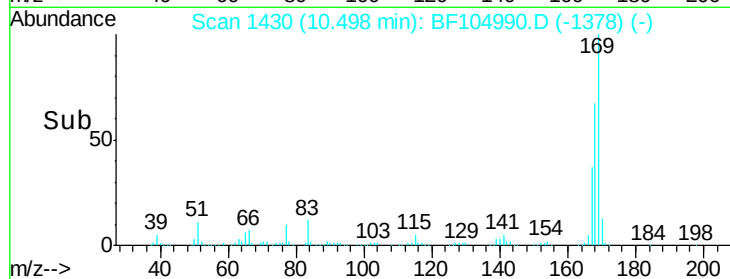
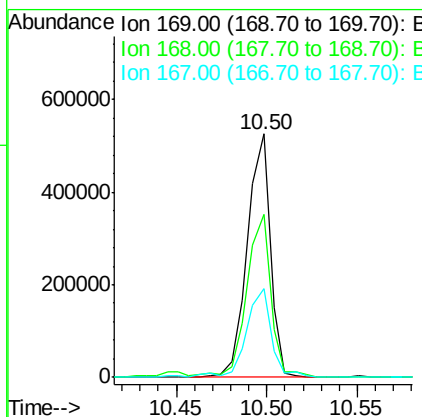
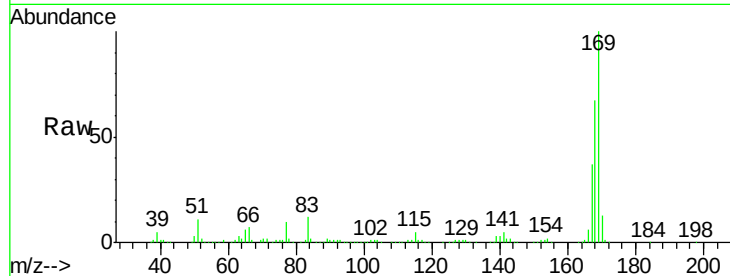
#65
 n-Nitrosodiphenylamine
 Concen: 35.742 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	462600		
168	67.0	54.4	81.6	
167	36.5	29.8	44.6	

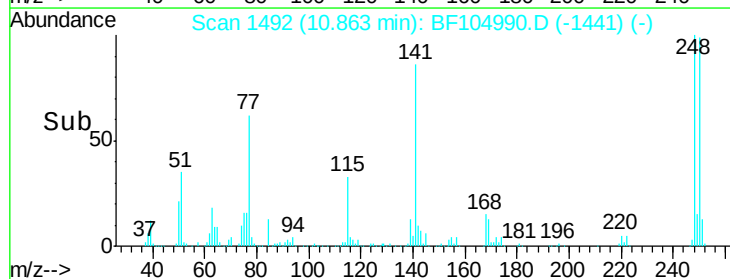
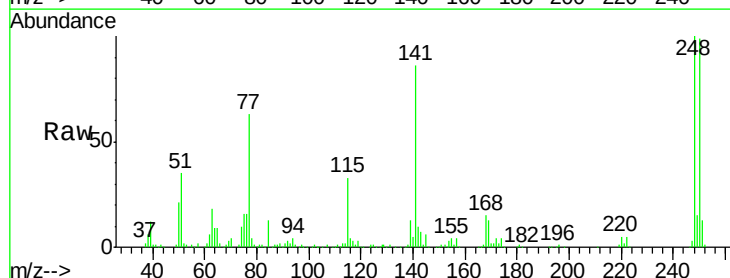
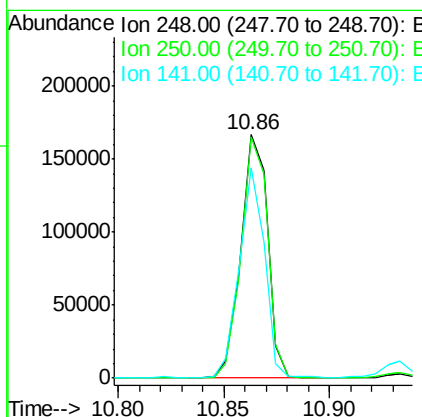
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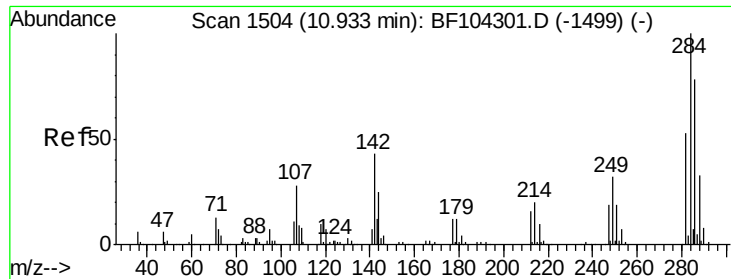
Sohil
 5/2/2018 4:21:30 PM



#66
 4-Bromophenyl-phenylether
 Concen: 36.825 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	146219		
250	99.2	76.9	115.3	
141	86.2	74.4	111.6	





#67

Hexachlorobenzene

Concen: 34.354 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BF104990.D

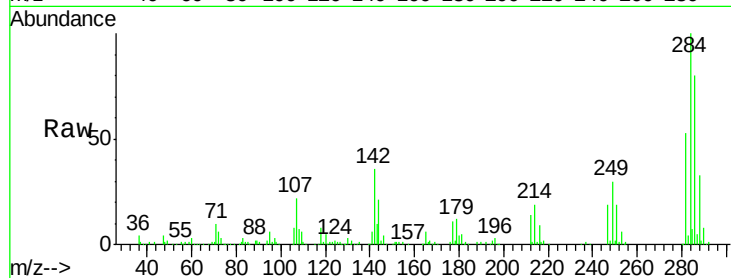
Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

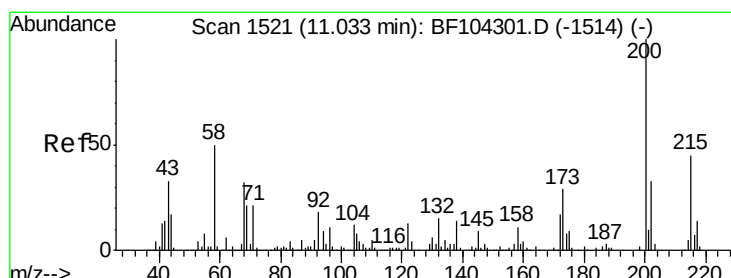
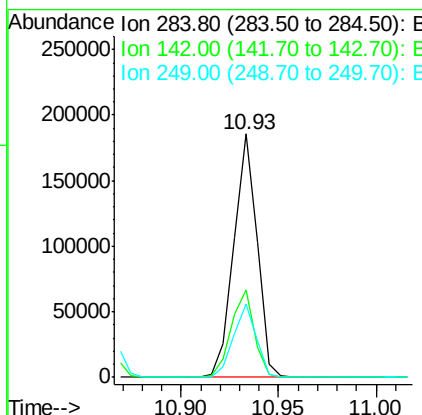
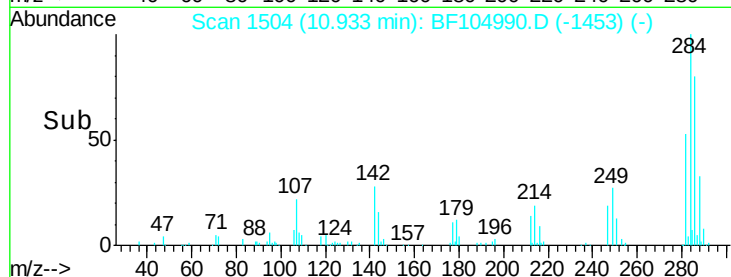
TP-4 0.0-0.5MS



Tgt Ion:	284	Resp:	153486
Ion Ratio	Lower	Upper	
284	100		
142	35.9	34.6	52.0
249	30.2	24.8	37.2

Manual Integrations
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5/2/2018 4:21:30 PM



#68

Atrazine

Concen: 37.221 ng

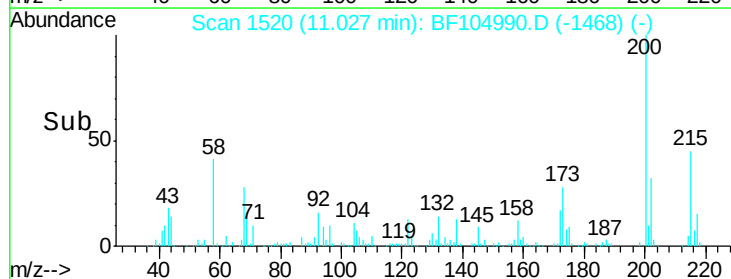
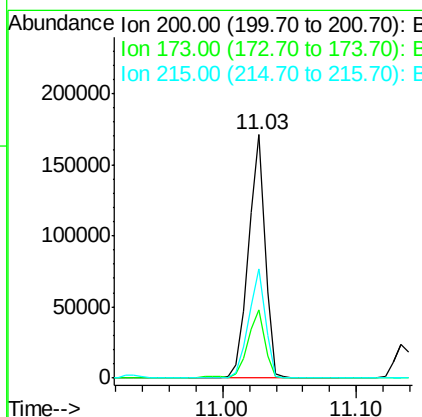
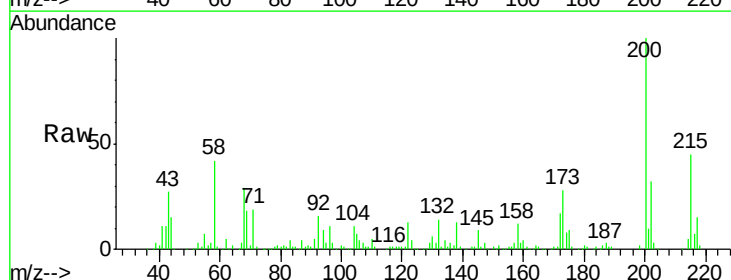
RT: 11.03 min Scan# 1520

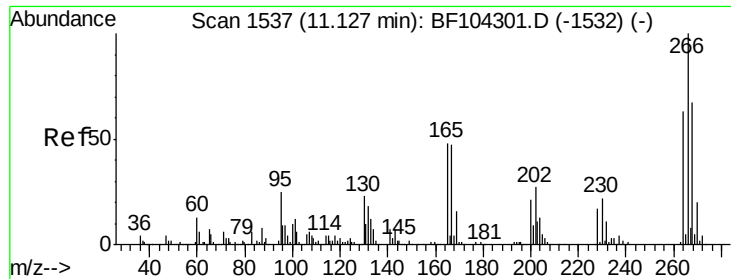
Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Tgt Ion:	200	Resp:	145414
Ion Ratio	Lower	Upper	
200	100		
173	28.2	8.6	48.6
215	44.9	25.1	65.1





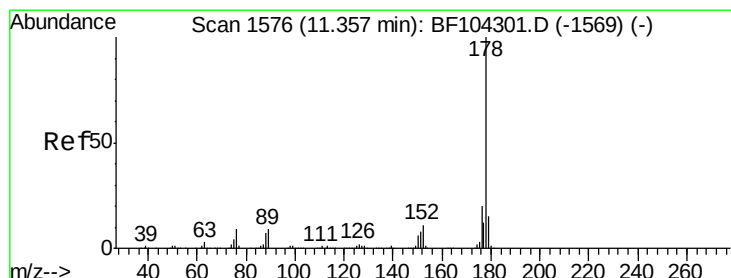
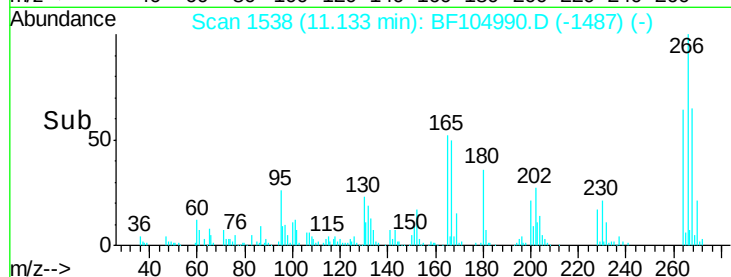
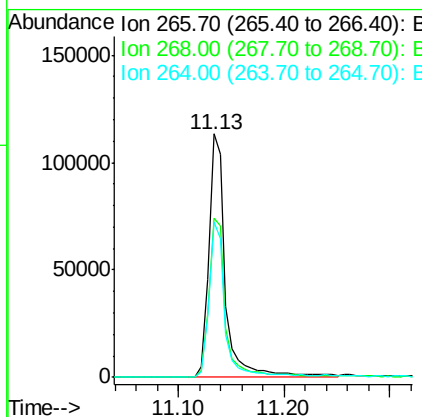
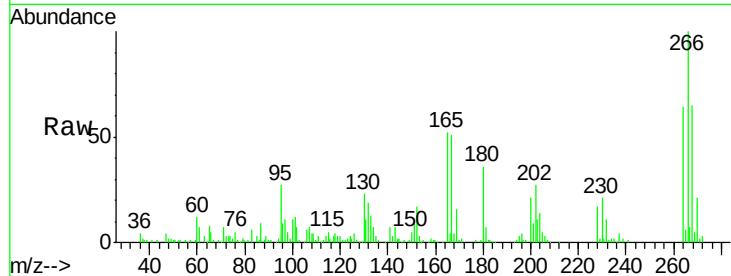
#69
 Pentachlorophenol
 Concen: 45.524 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.00 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.1	76.7
264	63.8	49.5	74.3

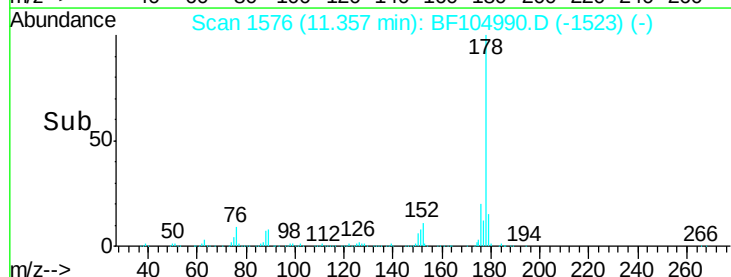
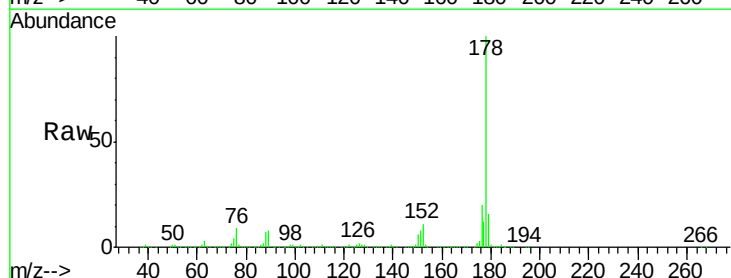
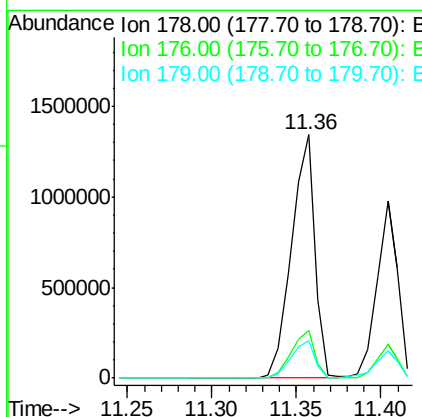
Manual Integrations
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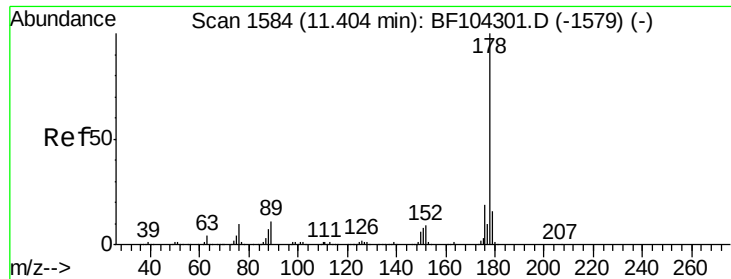
Sohil
 5/2/2018 4:21:30 PM



#70
 Phenanthrene
 Concen: 61.873 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	13.0	19.6





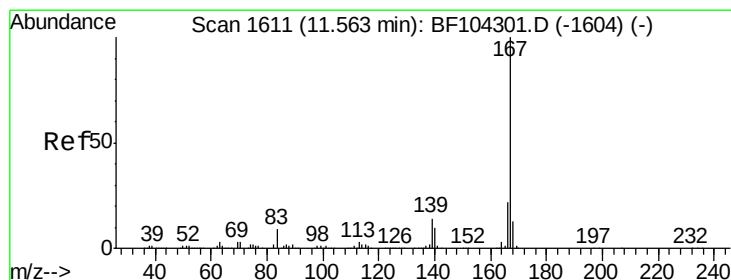
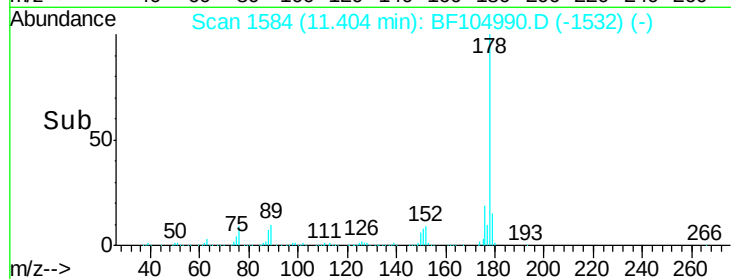
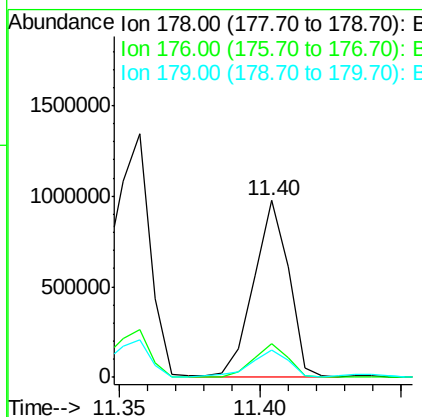
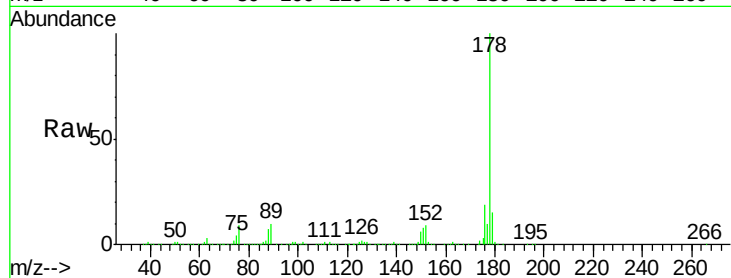
#71
 Anthracene
 Concen: 39.246 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.6	19.0

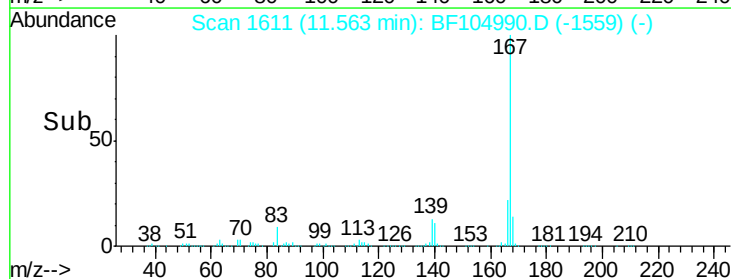
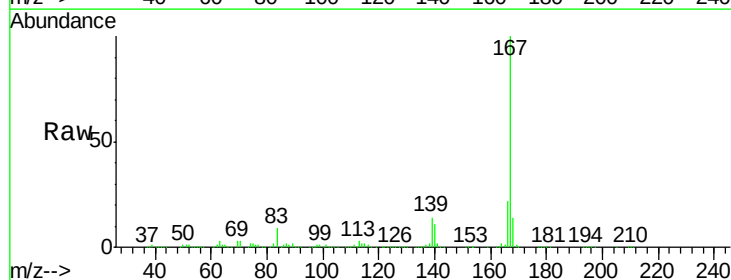
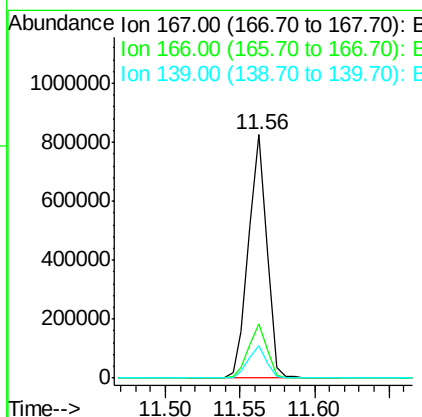
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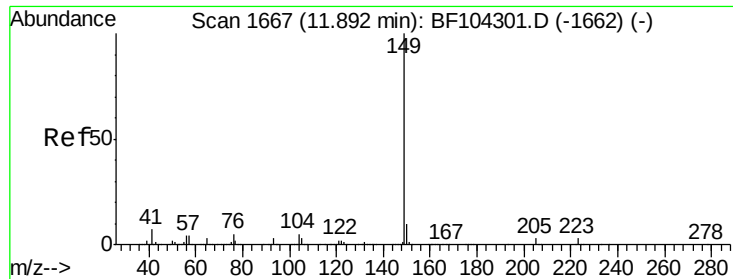
Sohil
 5/2/2018 4:21:30 PM



#72
 Carbazole
 Concen: 33.992 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 33.910 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

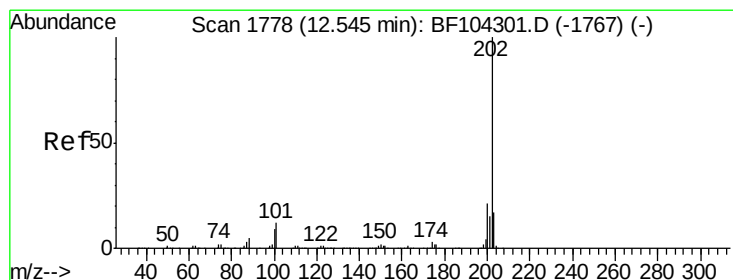
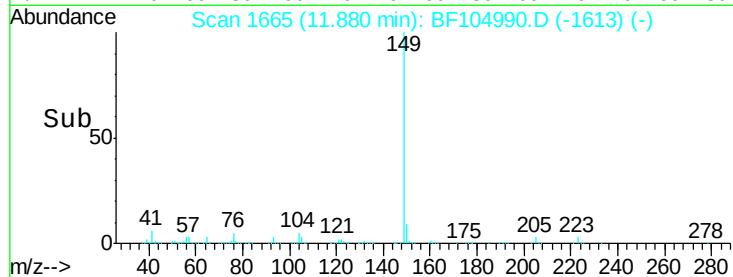
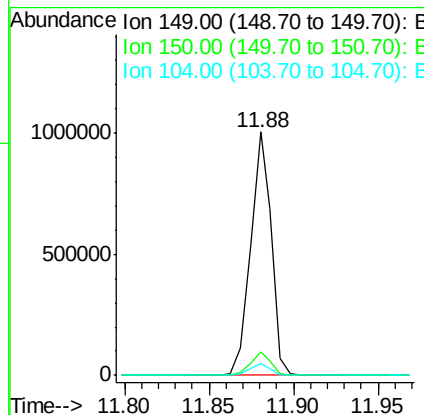
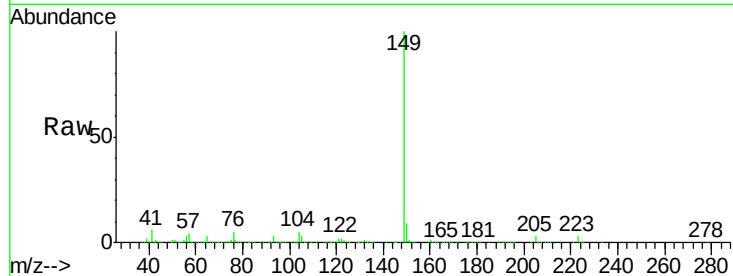
ClientSampleId :

TP-4 0.0-0.5MS

Tgt Ion:	149	Resp:	855351
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.7	3.8	5.8

Manual Integrations
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Sohil
5/2/2018 4:21:30 PM



#74

Fluoranthene

Concen: 70.841 ng

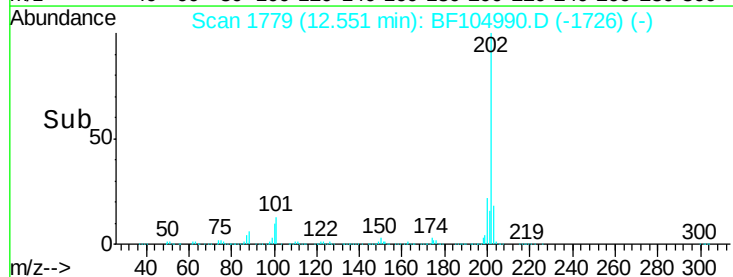
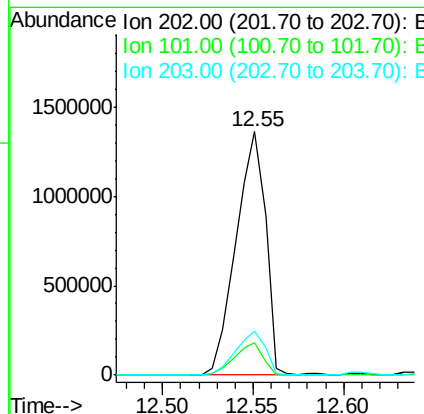
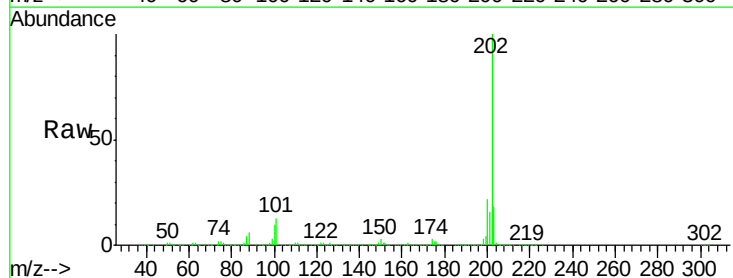
RT: 12.55 min Scan# 1779

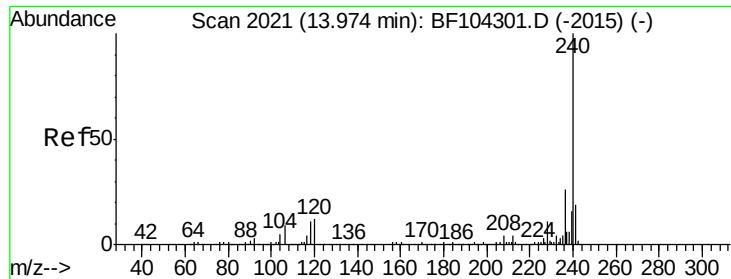
Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Tgt Ion:	202	Resp:	1538644
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.04 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

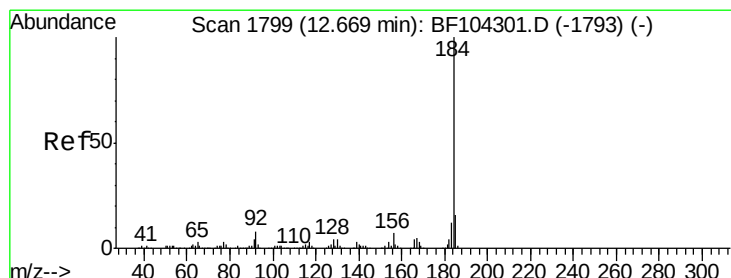
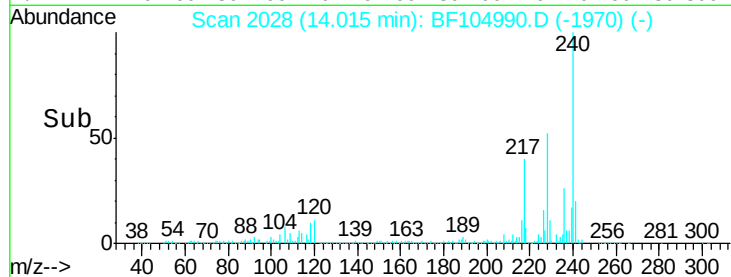
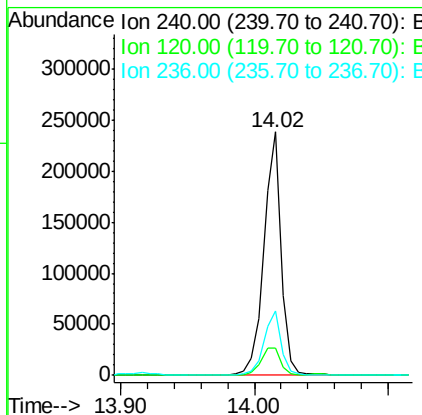
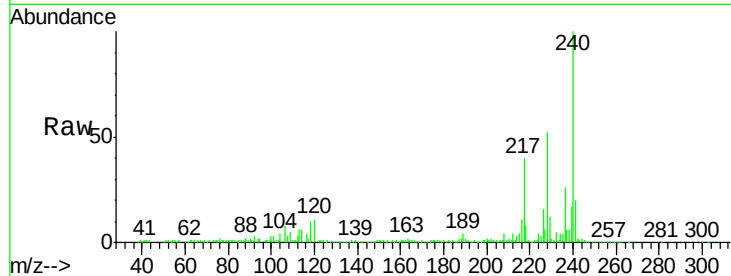
ClientSampleId :

TP-4 0.0-0.5MS

Tgt Ion:	240	Resp:	212065
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.5	14.3
236	26.3	20.7	31.1

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Sohil
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#76

Benzidine

Concen: 2.689 ng

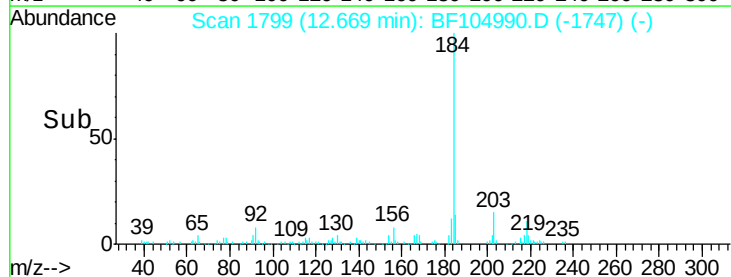
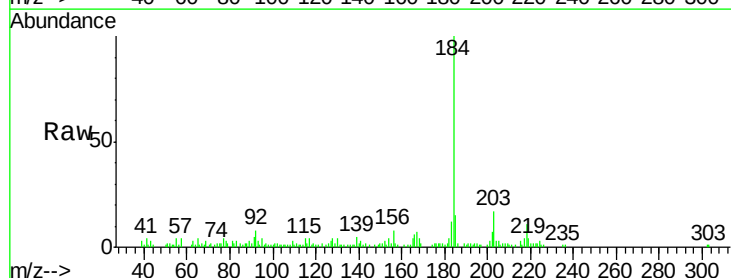
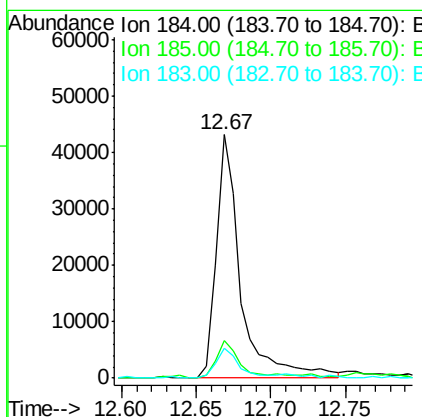
RT: 12.67 min Scan# 1799

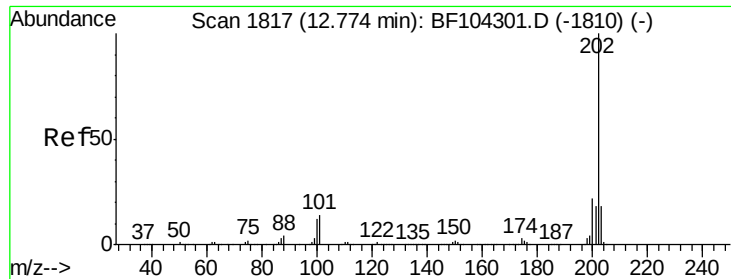
Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Tgt Ion:	184	Resp:	49410
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.6	18.8
183	12.4	9.3	13.9





#77

Pyrene

Concen: 88.486 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

Tgt Ion:202 Resp: 1390913

Ion Ratio Lower Upper

202 100

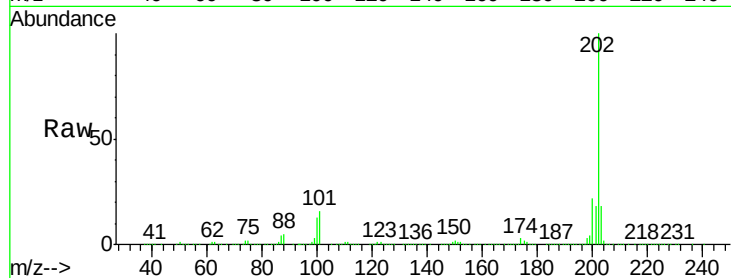
200 21.8 17.4 26.2

203 18.4 14.3 21.5

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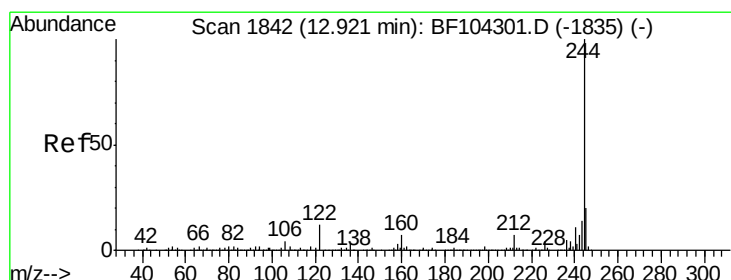
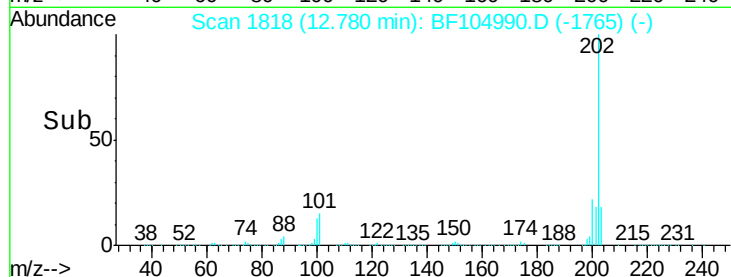
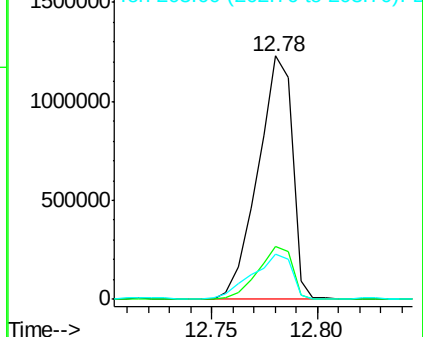
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 97.305 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

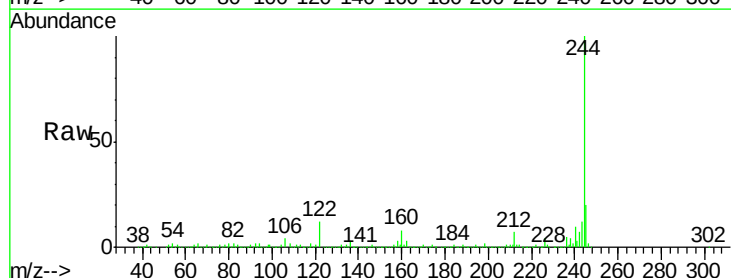
Tgt Ion:244 Resp: 905109

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

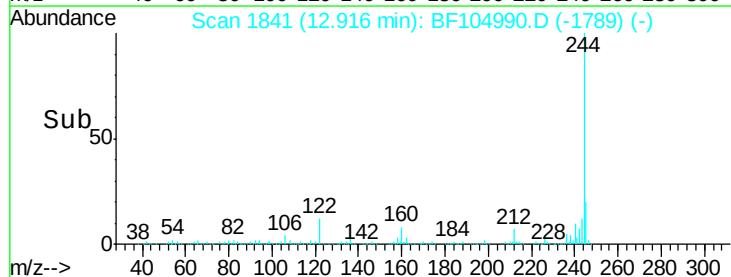
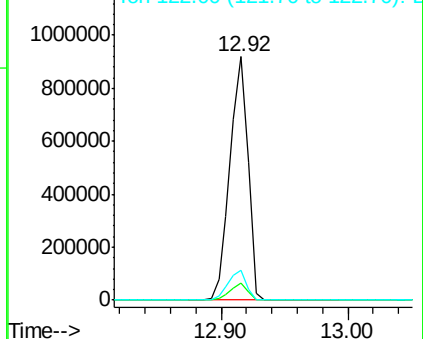
122 12.1 11.0 16.4

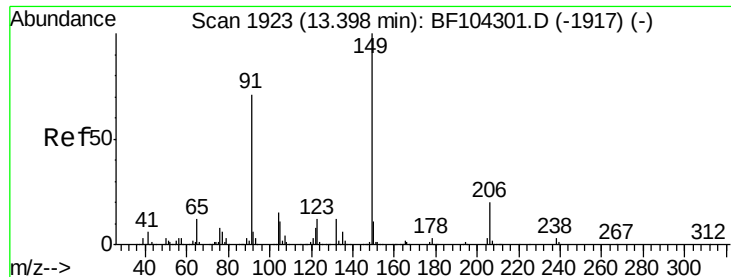


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





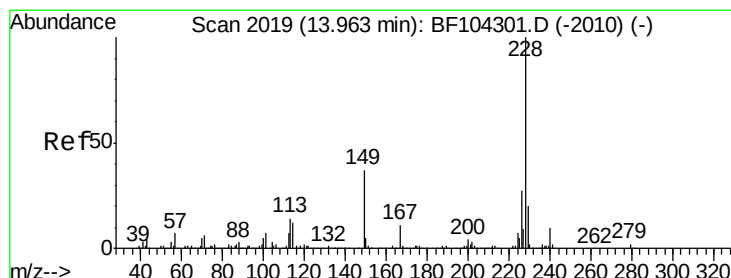
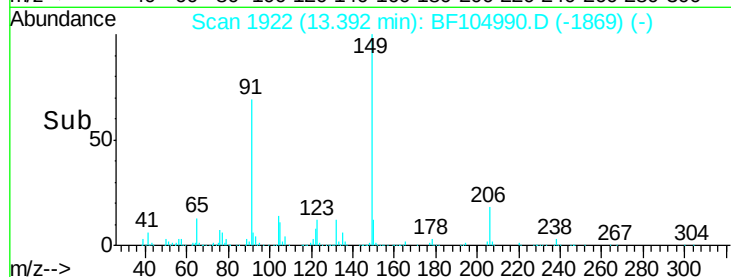
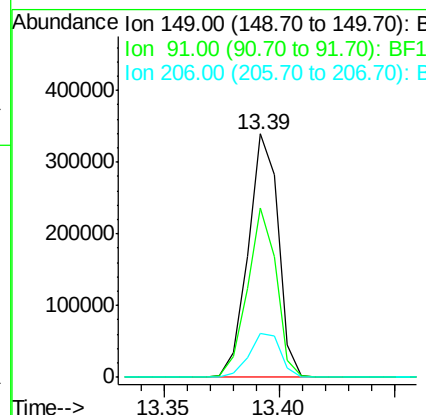
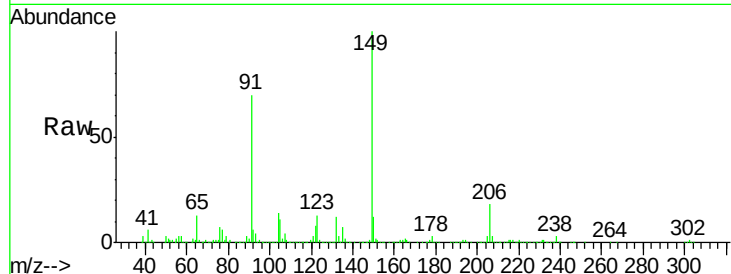
#79
Butylbenzylphthalate
Concen: 41.435 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	306843		
91	69.6	56.8	85.2	
206	18.1	14.1	21.1	

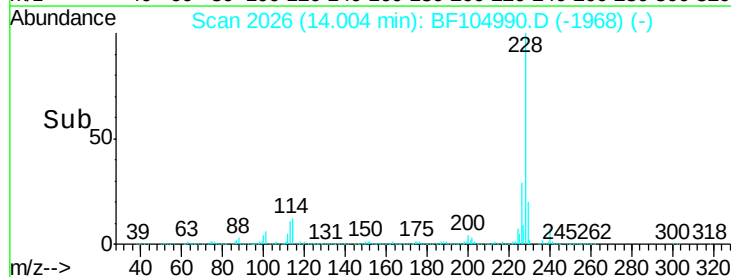
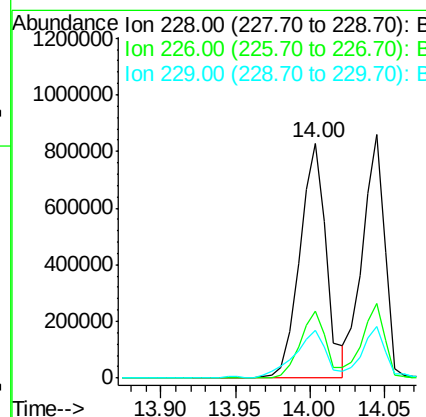
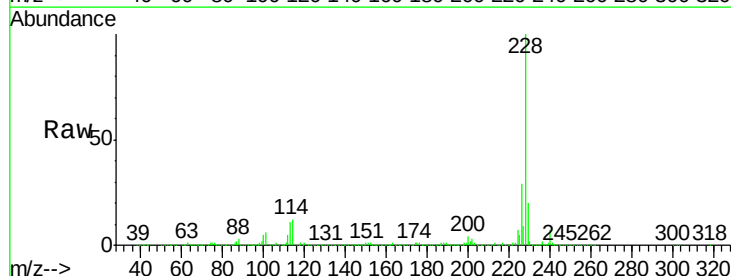
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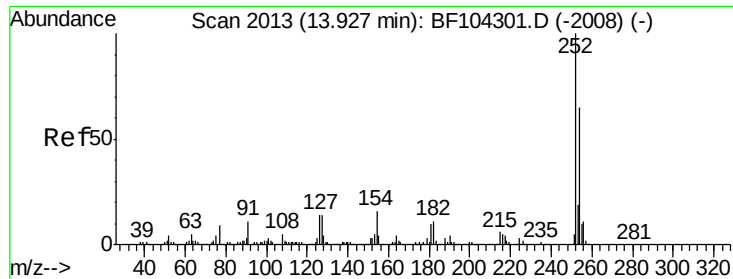
Sohil
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#80
Benzo(a)anthracene
Concen: 80.835 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.04 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1024100		
226	28.7	22.6	33.8	
229	20.4	15.8	23.6	





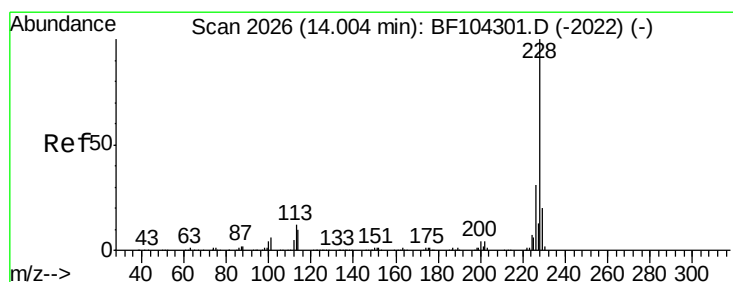
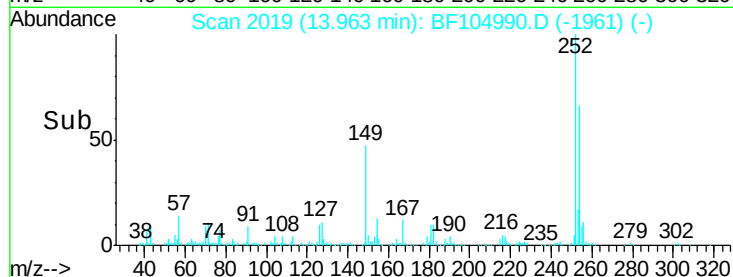
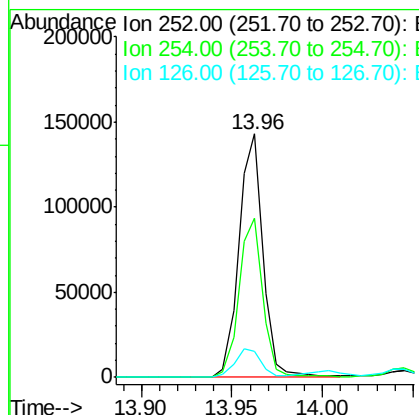
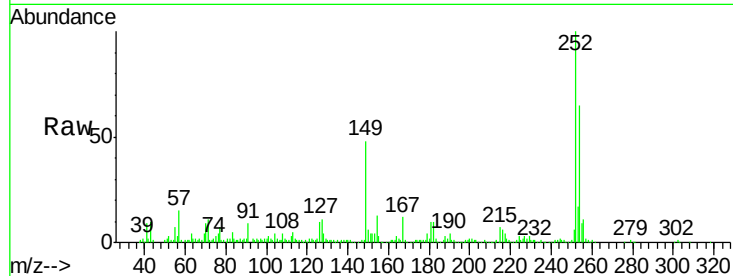
#81
 3,3'-Dichlorobenzidine
 Concen: 27.974 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.04 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.4	50.4	75.6
126	10.5	11.3	16.9#

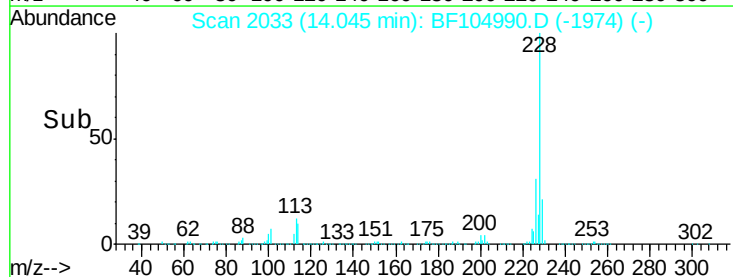
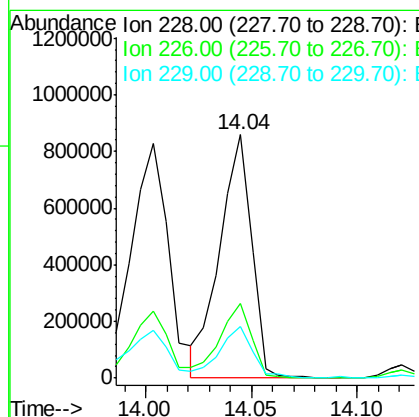
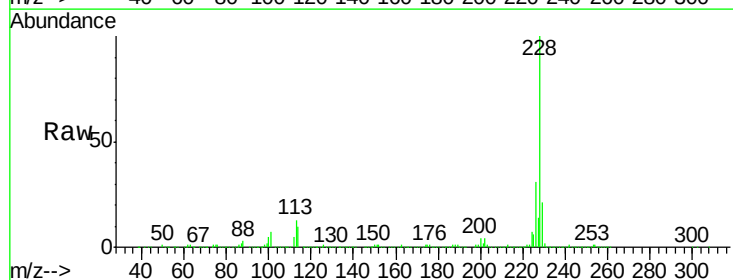
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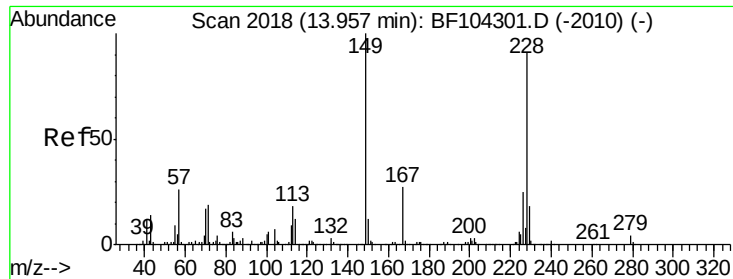
Sohil
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#82
 Chrysene
 Concen: 69.085 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.05 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.7	25.0	37.6
229	21.2	16.2	24.4





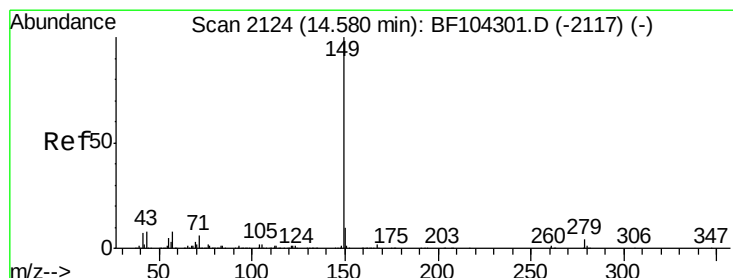
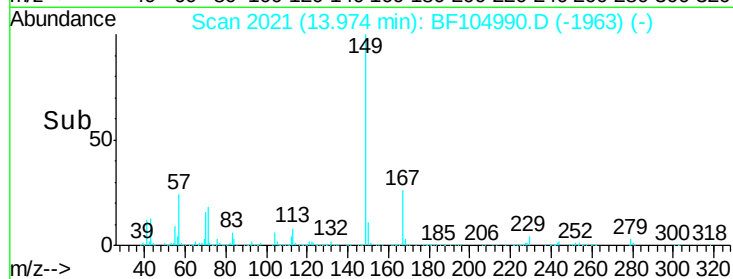
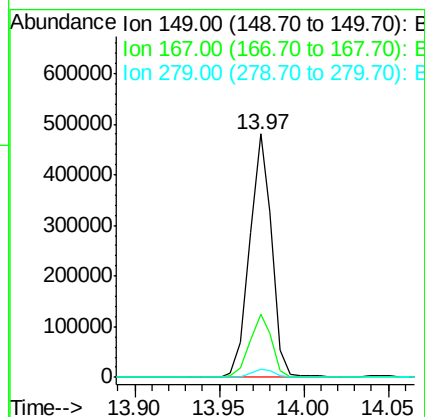
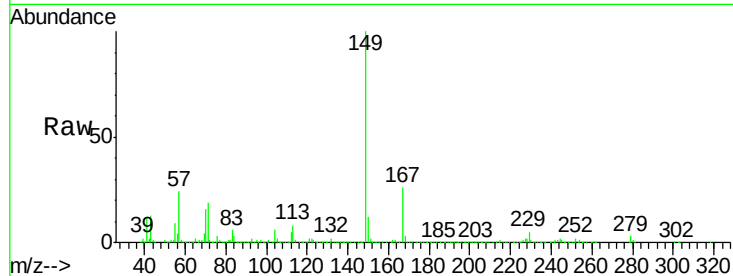
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.700 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.04 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	435305		
167	25.8	21.3	31.9	
279	3.3	3.0	4.4	

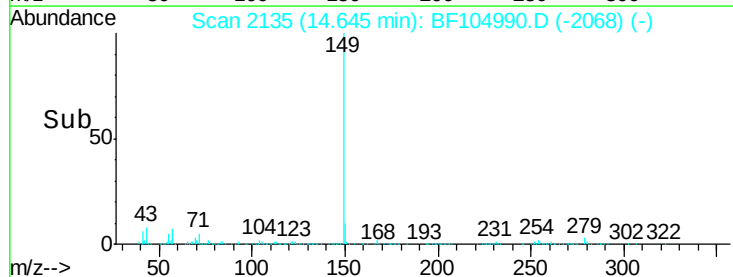
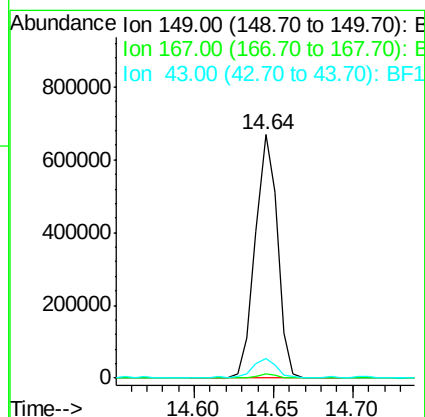
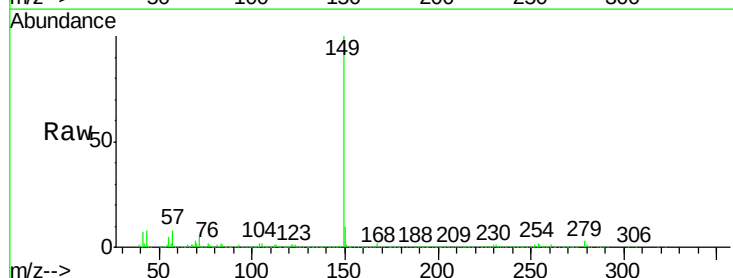
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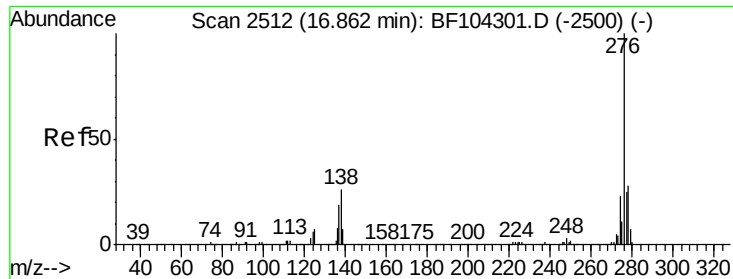
Sohil
 5/2/2018 4:21:30 PM



#84
 Di-n-octyl phthalate
 Concen: 40.867 ng
 RT: 14.64 min Scan# 2135
 Delta R.T. 0.09 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	650427		
167	1.6	1.2	1.8	
43	7.7	8.4	12.6#	





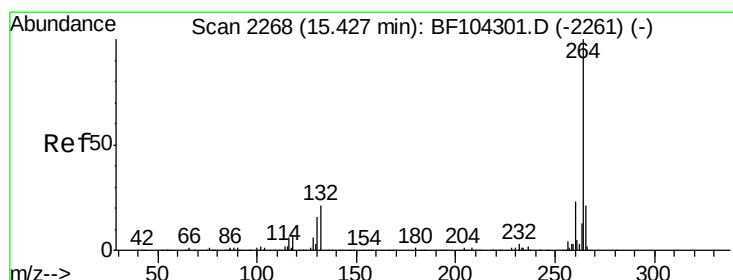
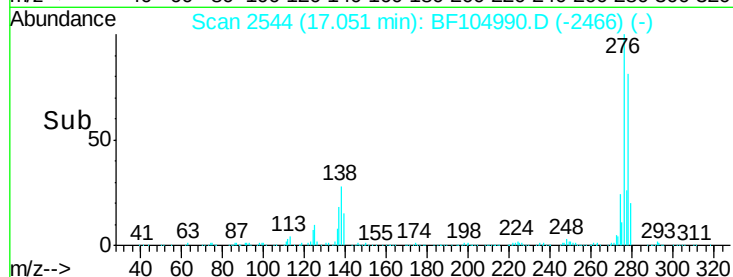
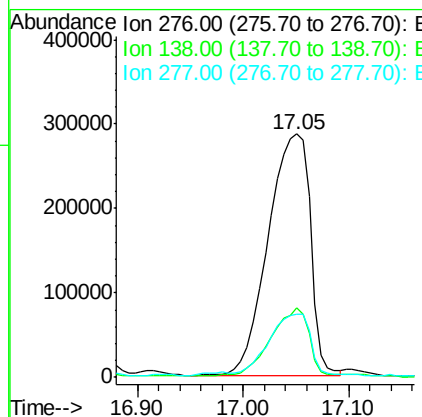
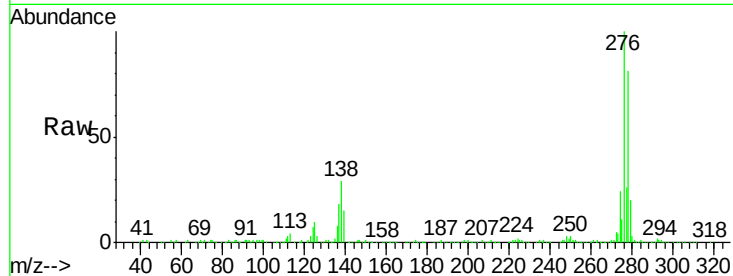
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 71.797 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. 0.16 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

Tgt Ion:	276	Resp:	793670
Ion Ratio	Lower	Upper	
276	100		
138	25.3	25.0	37.6
277	24.5	20.1	30.1

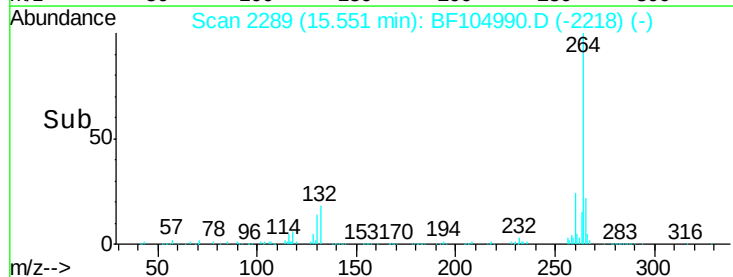
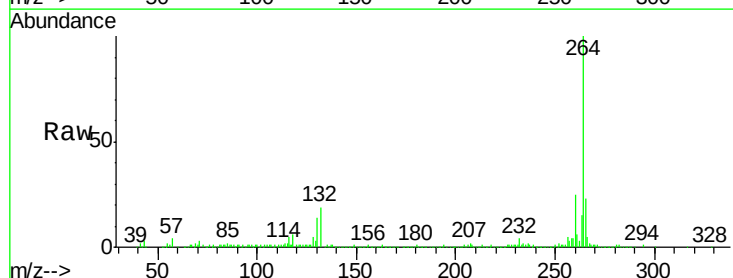
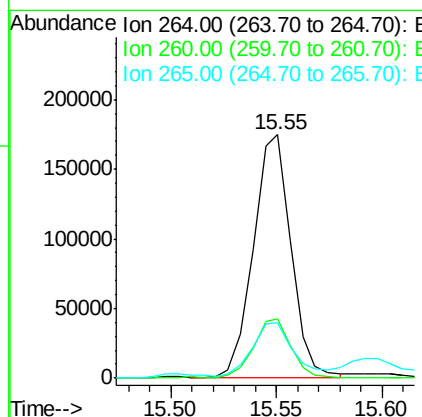
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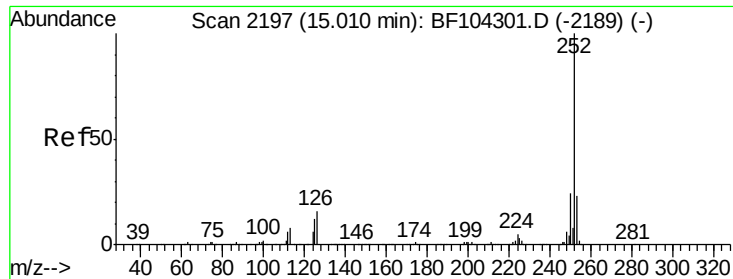
Sohil
 5/2/2018 4:21:30 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.12 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion:	264	Resp:	214530
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	22.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 85.453 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.12 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

Tgt Ion:252 Resp: 1157829

Ion Ratio Lower Upper

252 100

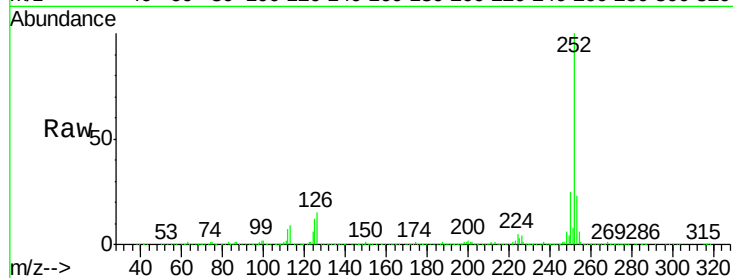
253 23.0 17.0 25.6

125 12.3 9.0 13.6

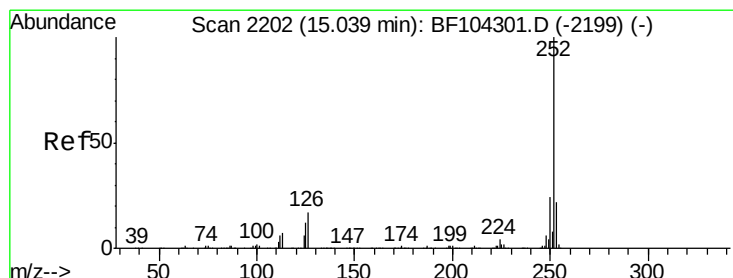
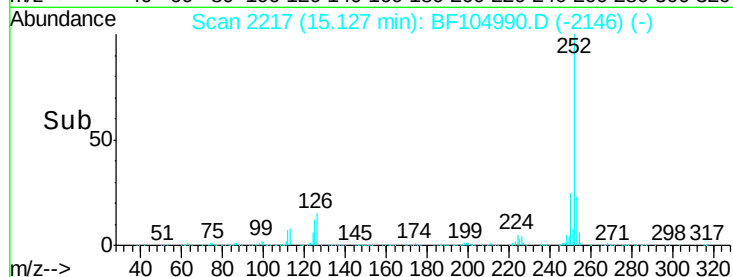
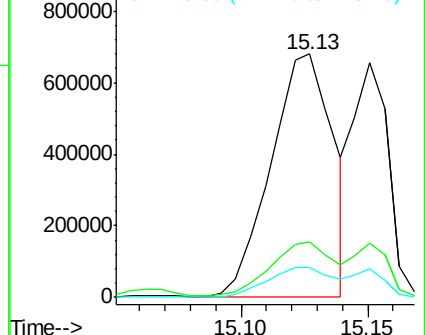
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.760 ng

RT: 15.15 min Scan# 2221

Delta R.T. 0.11 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Tgt Ion:252 Resp: 636523

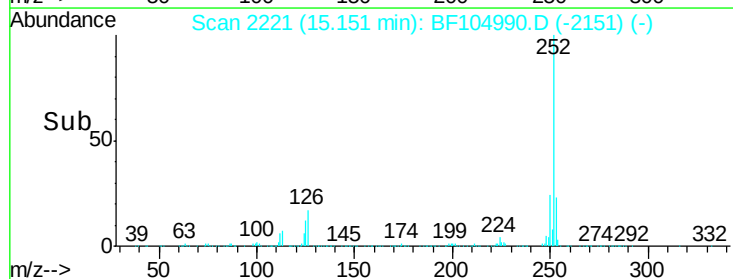
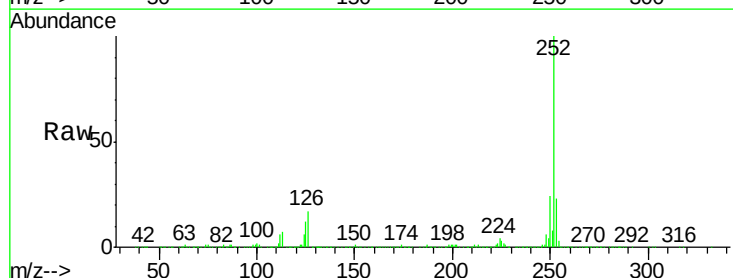
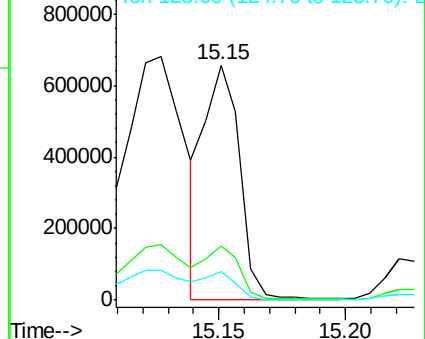
Ion Ratio Lower Upper

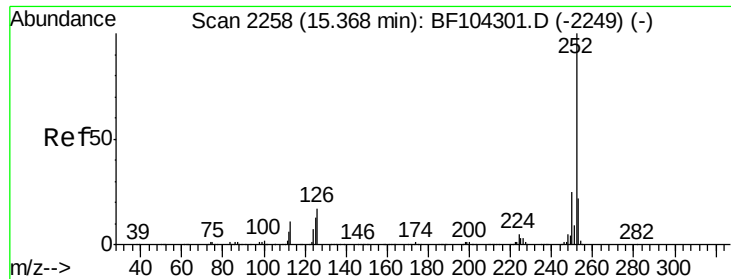
252 100

253 22.9 17.9 26.9

125 12.0 10.2 15.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





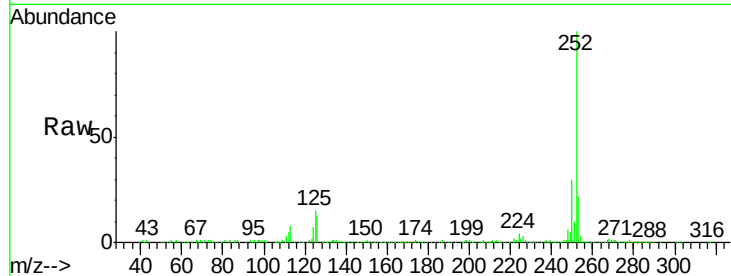
#89
Benzo(a)pyrene
Concen: 32.086 ng m
RT: 15.43 min Scan# 2268
Delta R.T. 0.05 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

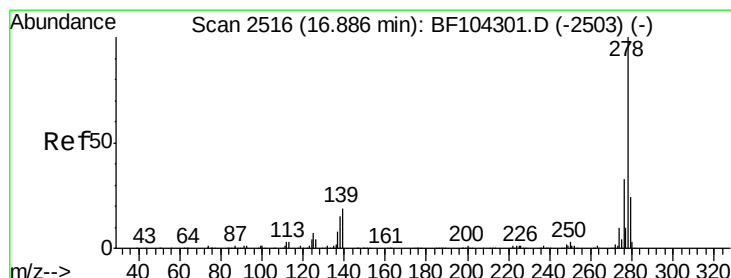
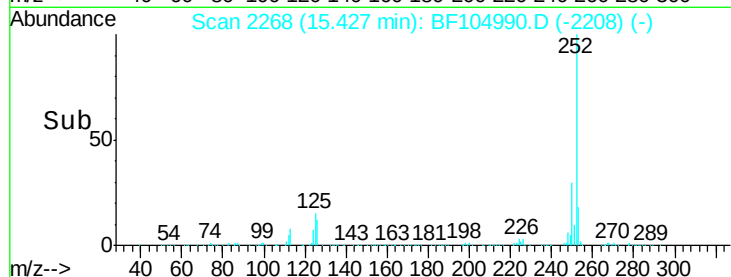
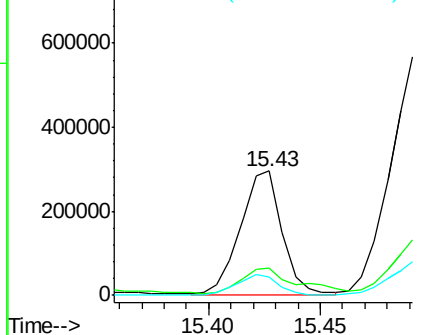
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	15.1	9.8	14.6

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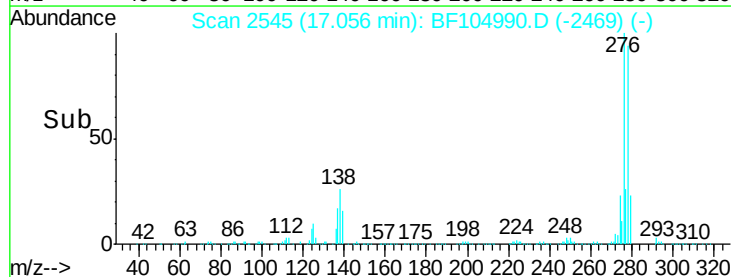
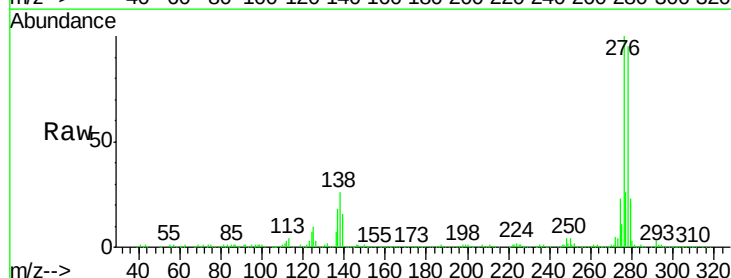
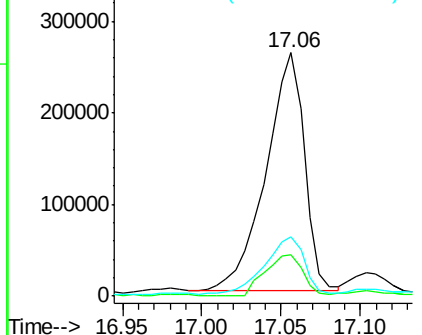
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

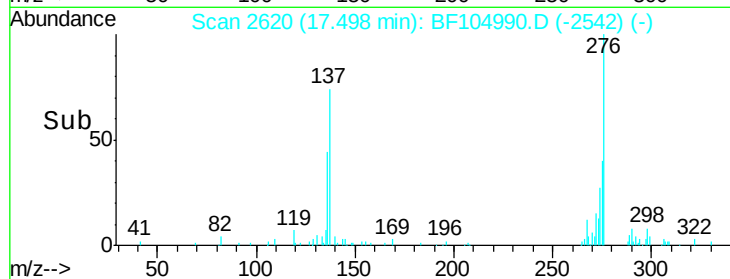
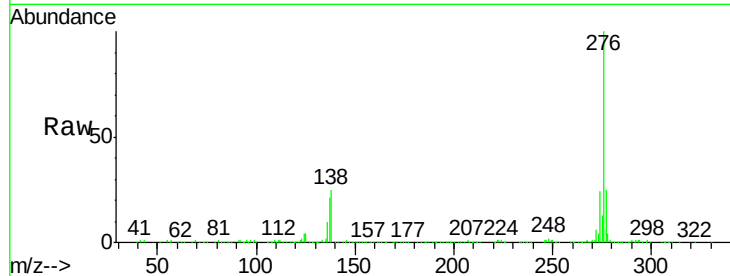
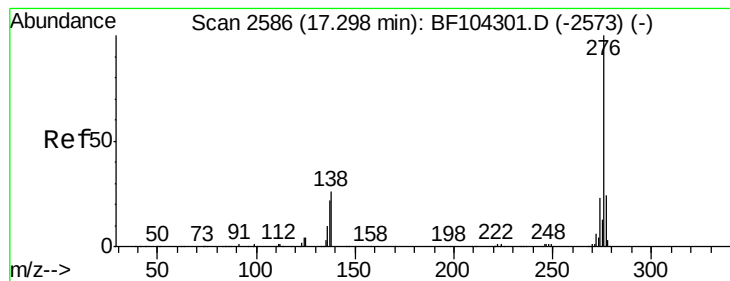


#90
Dibenzo(a,h)anthracene
Concen: 44.030 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.15 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	15.9	23.9
279	24.5	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 71.002 ng

RT: 17.50 min Scan# 2620

Delta R.T. 0.16 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

Tgt Ion:	276	Resp:	684928
Ion Ratio		Lower	Upper
276	100		
277	24.5	17.9	26.9
138	24.7	21.8	32.8

Manual Integrations
APPROVED

Sohil
5/2/2018 4:21:30 PM

