

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101338.D
 Acq On : 12 Dec 2017 19:05
 Operator : SJ/JU
 Sample : I6822-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(13-15)MS

Manual Integrations
 APPROVED

Quant Time: Dec 13 03:13:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	40496	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	159368	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	68217	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	123301	20.00	ng	0.00
75) Chrysene-d12	14.01	240	100827	20.00	ng	0.00
86) Perylene-d12	15.49	264	80475	20.00	ng	0.02

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System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	365955	149.33	ng	0.01
7) Phenol-d6	6.47	99	437139	146.92	ng	0.01
23) Nitrobenzene-d5	7.39	82	264629	99.05	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	102699	125.32	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	534851	107.27	ng	0.00
78) Terphenyl-d14	12.95	244	471670	102.32	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	37304	36.811	ng	# 94
3) Pyridine	3.39	79	103715	39.480	ng	95
4) n-Nitrosodimethylamine	3.33	42	55306	43.104	ng	87
6) Aniline	6.49	93	110307	28.510	ng	# 87
8) 2-Chlorophenol	6.62	128	118145	44.215	ng	94
9) Benzaldehyde	6.38	77	30587	16.796	ng	96
10) Phenol	6.49	94	153470	46.388	ng	77
11) bis(2-Chloroethyl)ether	6.56	93	105604	42.556	ng	99
12) 1,3-Dichlorobenzene	6.76	146	133965	43.057	ng	96
13) 1,4-Dichlorobenzene	6.84	146	136271	42.303	ng	98
14) 1,2-Dichlorobenzene	6.99	146	128115	42.639	ng	97
15) Benzyl Alcohol	6.97	79	97261	42.324	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	166650	49.405	ng	87
17) 2-Methylphenol	7.09	107	96542	44.744	ng	# 91
18) Hexachloroethane	7.33	117	35125	33.940	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	80363	40.105	ng	96
20) 3+4-Methylphenols	7.24	107	124664	44.303	ng	# 70
22) Acetophenone	7.23	105	156956	40.765	ng	# 91
24) Nitrobenzene	7.41	77	117601	44.914	ng	98
25) Isophorone	7.65	82	211341	46.313	ng	99
26) 2-Nitrophenol	7.73	139	50009	34.793	ng	93
27) 2,4-Dimethylphenol	7.76	122	102238	49.170	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	134034	43.701	ng	98
29) 2,4-Dichlorophenol	7.97	162	103110	45.558	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	107384	43.149	ng	98
31) Naphthalene	8.13	128	336488	42.840	ng	99
33) 4-Chloroaniline	8.18	127	72950	23.115	ng	99
34) Hexachlorobutadiene	8.24	225	63878	41.849	ng	96
35) Caprolactam	8.56	113	29992m	42.521	ng	
36) 4-Chloro-3-methylphenol	8.67	107	99901	42.612	ng	99
37) 2-Methylnaphthalene	8.82	142	227274	42.585	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	101976	41.150	ng	# 96
40) Hexachlorocyclopentadiene	8.96	237	5335	13.475	ng	91
42) 2,4,6-Trichlorophenol	9.10	196	67191	46.252	ng	95

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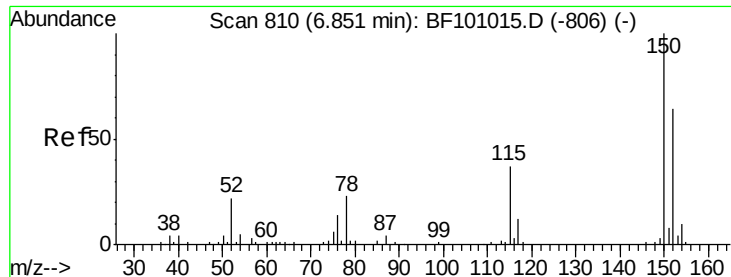
Manual Integrations
 APPROVED

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.16	196	70106	45.140	nq	# 92
45) 1,1'-Biphenyl	9.29	154	260548	41.687	nq	97
46) 2-Chloronaphthalene	9.32	162	204286	46.024	nq	94
47) 2-Nitroaniline	9.42	65	62486	47.582	nq	96
48) Acenaphthylene	9.73	152	311611	42.719	nq	100
49) Dimethylphthalate	9.58	163	321040	58.355	nq	99
50) 2,6-Dinitrotoluene	9.66	165	47592	41.072	nq	88
51) Acenaphthene	9.90	154	179996	41.209	nq	98
52) 3-Nitroaniline	9.83	138	48573	37.275	nq	95
53) 2,4-Dinitrophenol	9.96	184	998	6.401	nq	# 25
54) Dibenzofuran	10.07	168	271058	43.063	nq	100
55) 4-Nitrophenol	10.00	139	56547	64.345	nq	97
56) 2,4-Dinitrotoluene	10.07	165	55841	35.959	nq	# 89
57) Fluorene	10.42	166	211408	41.316	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	51707	41.581	nq	# 86
59) Diethylphthalate	10.29	149	235847	43.463	nq	96
60) 4-Chlorophenyl-phenylether	10.40	204	104339	41.299	nq	92
61) 4-Nitroaniline	10.45	138	53983	39.908	nq	96
62) Azobenzene	10.56	77	187556	40.728	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	5223	6.316	nq	76
65) n-Nitrosodiphenylamine	10.53	169	195782	45.008	nq	96
66) 4-Bromophenyl-phenylether	10.89	248	62707	45.435	nq	91
67) Hexachlorobenzene	10.97	284	62411	42.193	nq	# 89
68) Atrazine	11.05	200	55306	41.449	nq	98
69) Pentachlorophenol	11.17	266	42596	52.374	nq	98
70) Phenanthrene	11.38	178	304278	44.812	nq	98
71) Anthracene	11.43	178	302021	43.948	nq	98
72) Carbazole	11.59	167	267173	42.551	nq	99
73) Di-n-butylphthalate	11.91	149	345158	43.857	nq	97
74) Fluoranthene	12.57	202	334846	44.487	nq	96
76) Benzidine	12.70	184	185554	56.594	nq	97
77) Pyrene	12.81	202	337202	48.467	nq	98
79) Butylbenzylphthalate	13.41	149	140447	45.786	nq	94
80) Benzo(a)anthracene	14.00	228	286483	45.002	nq	98
81) 3,3'-Dichlorobenzidine	13.96	252	92980	42.173	nq	# 98
82) Chrysene	14.04	228	268957	45.491	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	220655	50.451	nq	100
84) Di-n-octyl phthalate	14.58	149	320092	43.955	nq	100
85) Indeno(1,2,3-cd)pyrene	16.99	276	191807	36.491	nq	# 92
87) Benzo(b)fluoranthene	15.06	252	229874	47.689	nq	97
88) Benzo(k)fluoranthene	15.09	252	205453	43.262	nq	# 96
89) Benzo(a)pyrene	15.43	252	196526	44.846	nq	98
90) Dibenzo(a,h)anthracene	16.99	278	156778	40.581	nq	96
91) Benzo(g,h,i)perylene	17.43	276	157187	43.173	nq	# 93

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



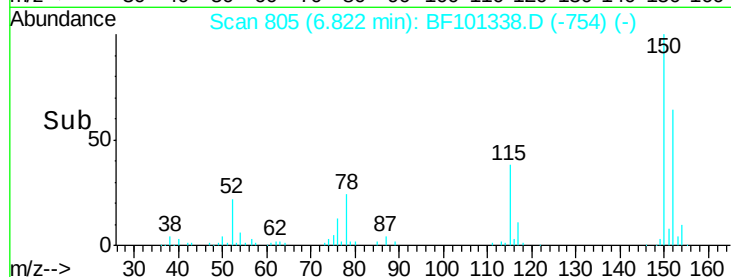
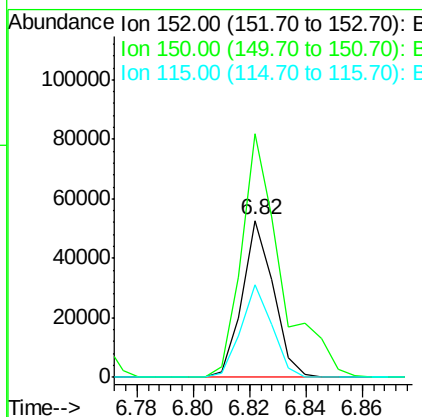
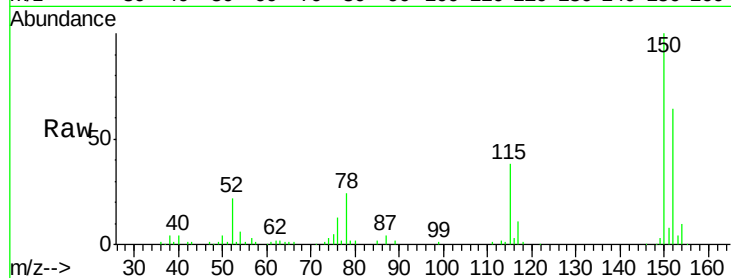
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
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SB-1(13-15)MS

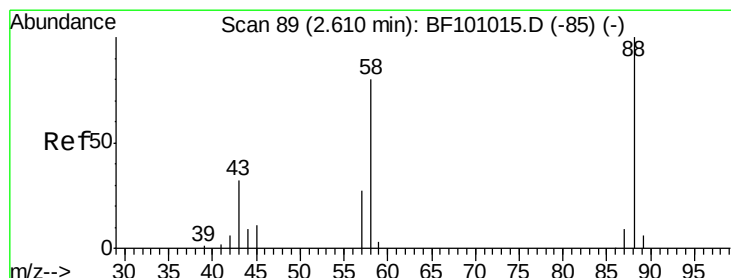
Tot Ion	Ratio	Lower	Upper
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150	155.4	124.6	186.8
115	59.4	50.1	75.1

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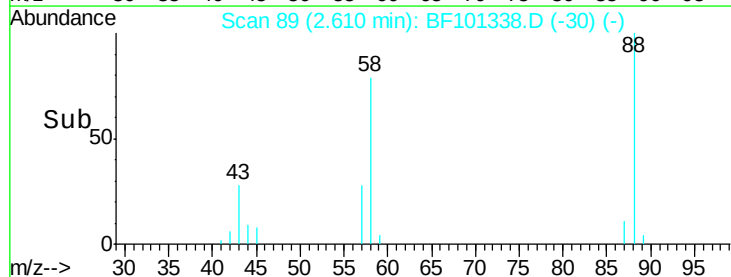
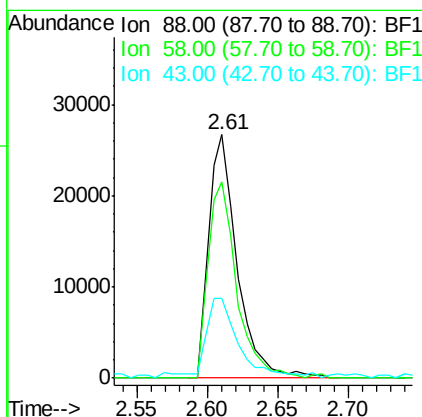
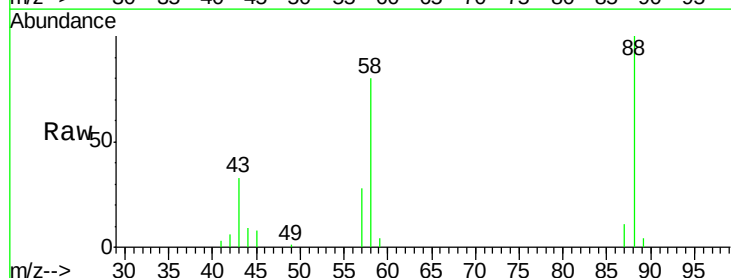
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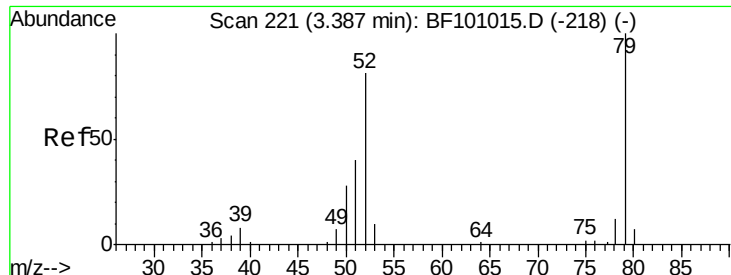


#2

1,4-Dioxane
Concen: 36.811 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.05 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	62.6	93.8
43	37.5	24.6	37.0#



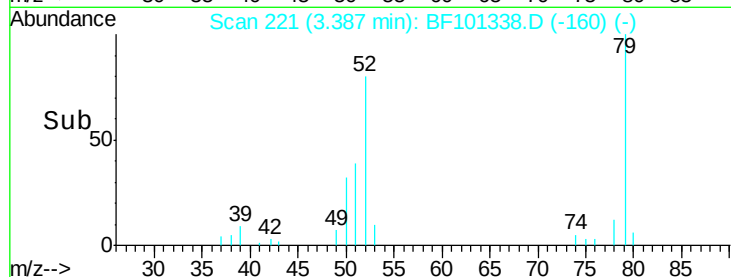
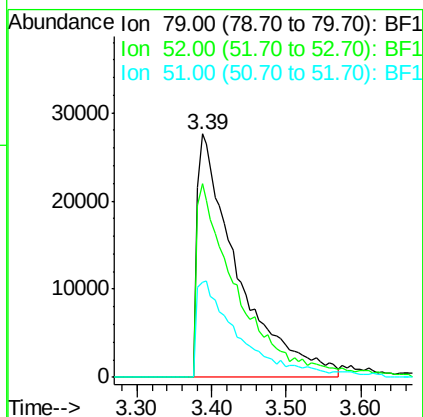
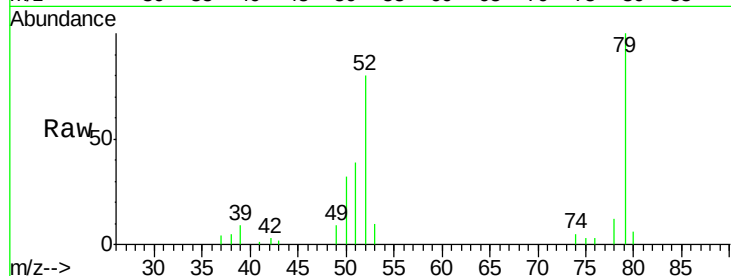


#3
 Pvridine
 Concen: 39.480 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.06 min
 Lab File: BF101338.D
 Acq: 12 Dec 2017 19:05

Instrument :
 BNA_F
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 SB-1(13-15)MS

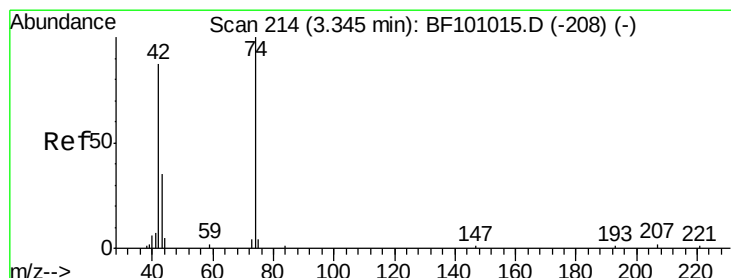
Tot Ion	Ratio	Lower	Upper
79	100		
52	79.8	59.8	89.6
51	39.3	29.8	44.8

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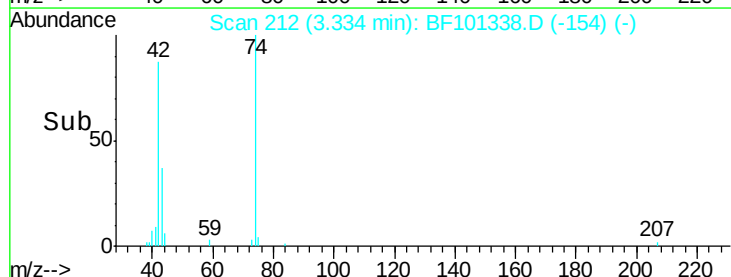
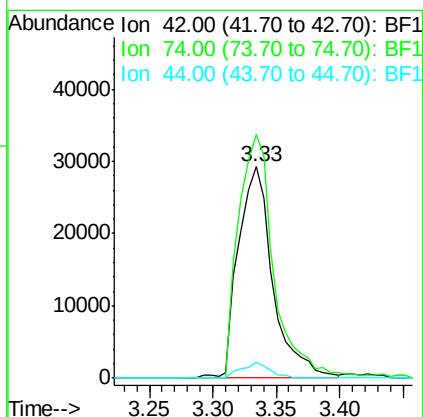
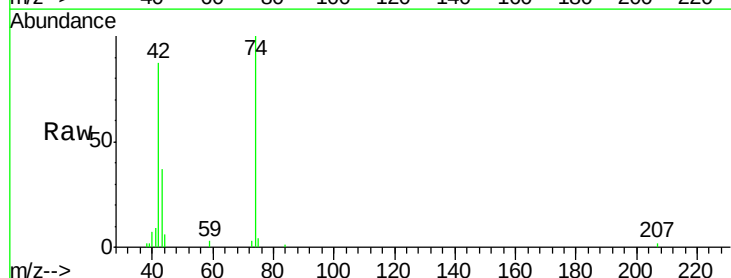
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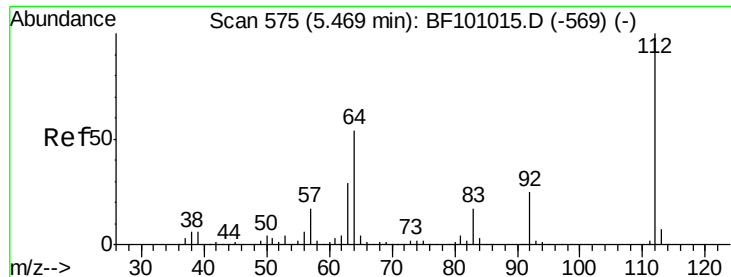
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#4
 n-Nitrosodimethylamine
 Concen: 43.104 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.04 min
 Lab File: BF101338.D
 Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.1	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 149.328 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Instrument :

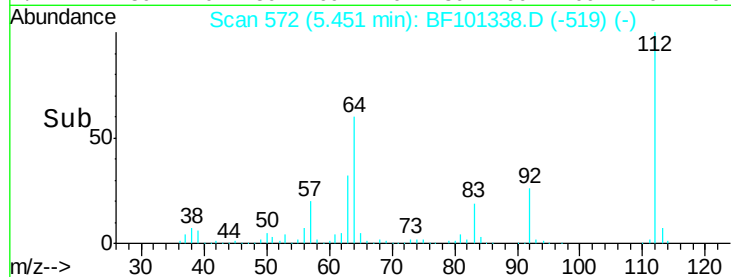
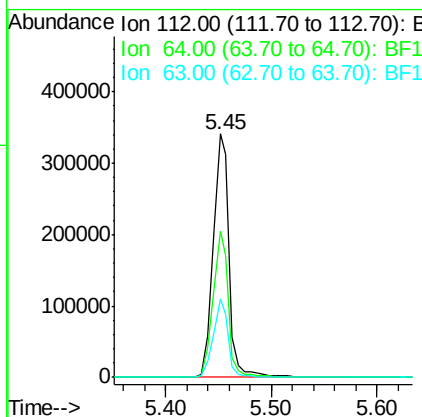
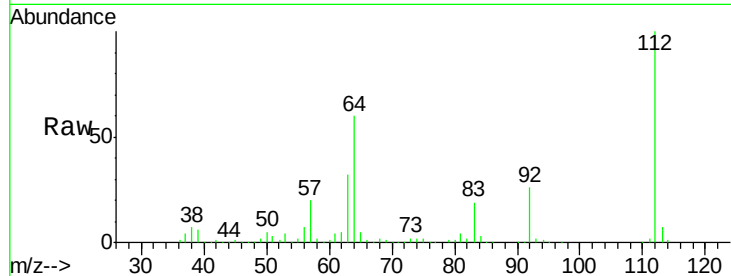
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ClientSampleId :

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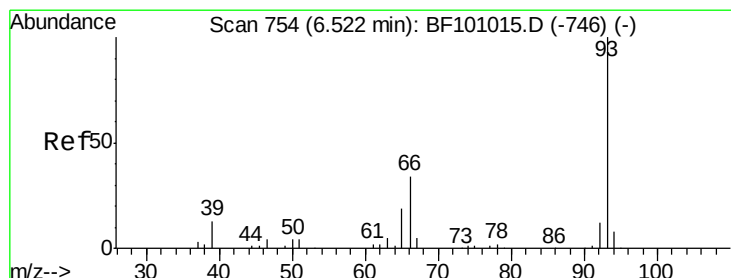
Tot Ion:	112	Resp:	365955
Ion Ratio	Lower	Upper	
112	100		
64	60.4	47.9	71.9
63	32.3	23.7	35.5

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#6

Aniline

Concen: 28.510 ng

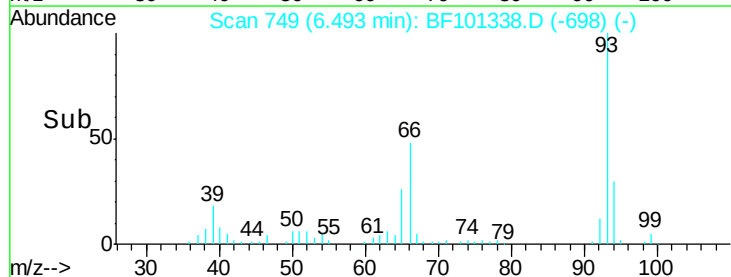
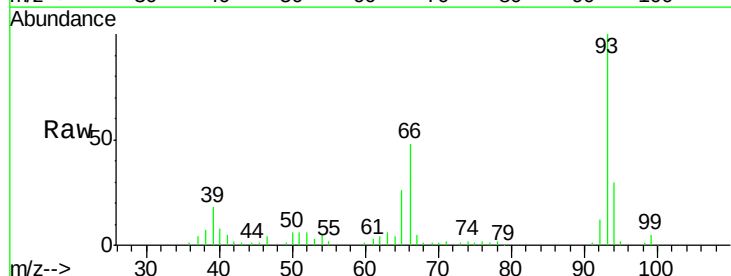
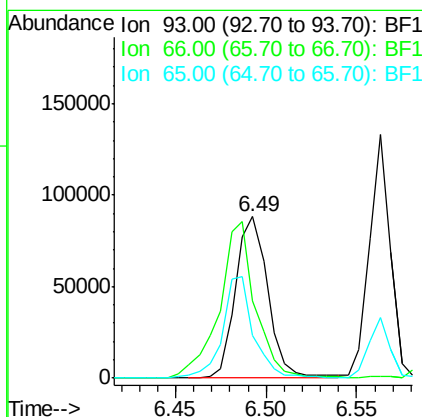
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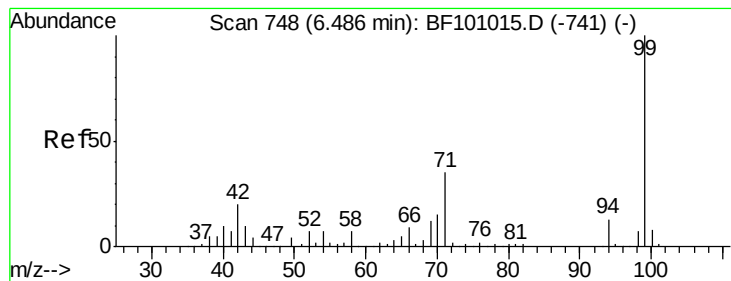
Delta R.T. 0.00 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Tgt Ion:	93	Resp:	110307
Ion Ratio	Lower	Upper	
93	100		
66	48.1	32.2	48.2
65	26.3	16.4	24.6





#7

Phenol-d6

Concen: 146.920 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Instrument :

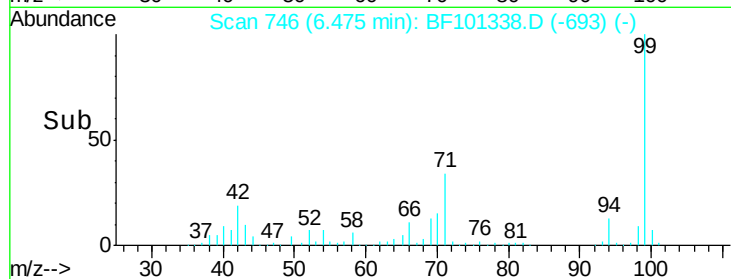
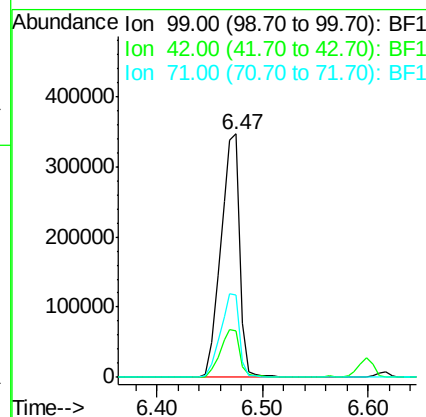
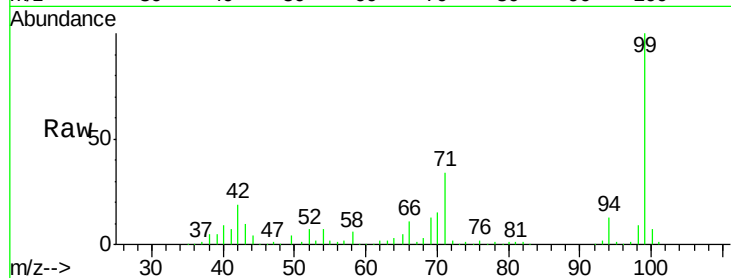
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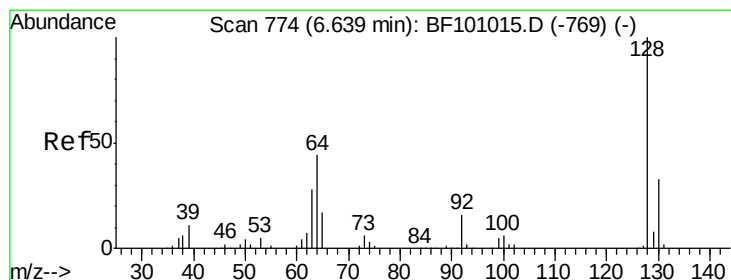
Tot Ion:	99	Resp:	437139
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.5	21.7
71	33.9	25.4	38.0

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#8

2-Chlorophenol

Concen: 44.215 ng

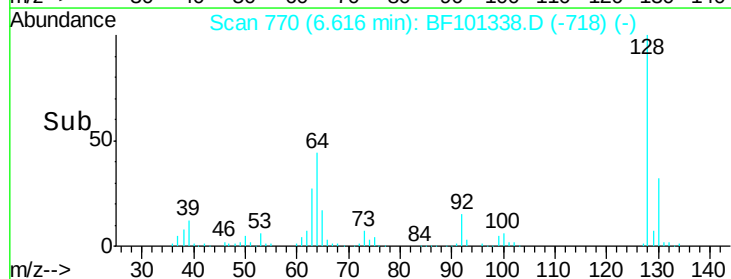
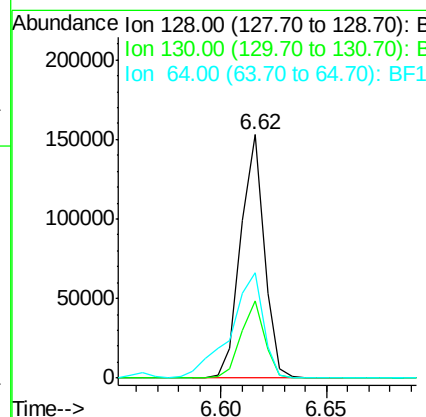
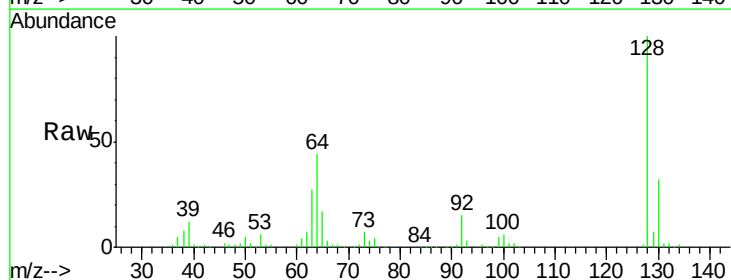
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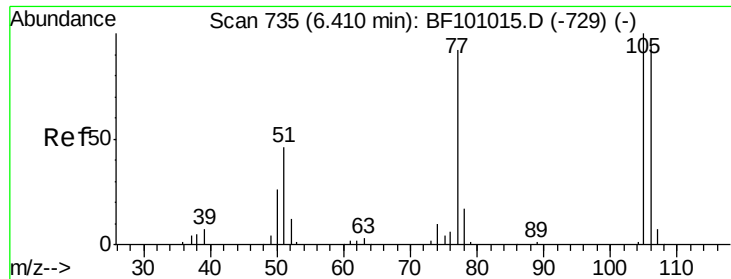
Delta R.T. 0.01 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Tgt Ion:	128	Resp:	118145
Ion Ratio	Lower	Upper	
128	100		
130	31.7	13.0	53.0
64	43.5	29.4	69.4





#9

Benzaldehyde

Concen: 16.796 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Instrument :

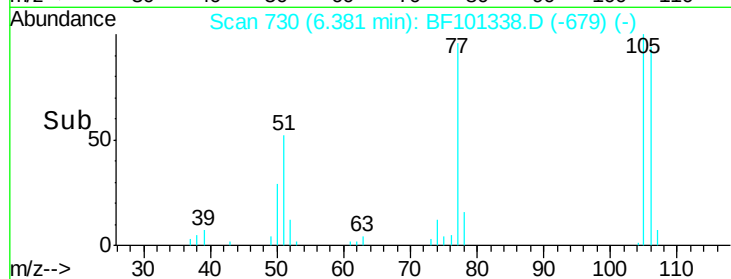
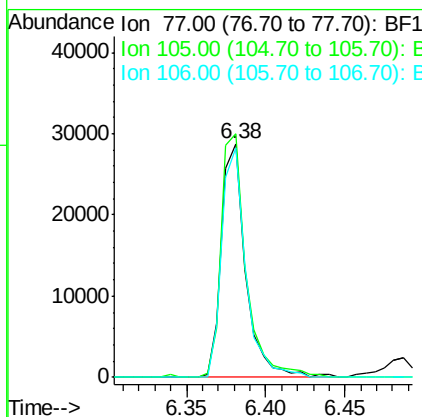
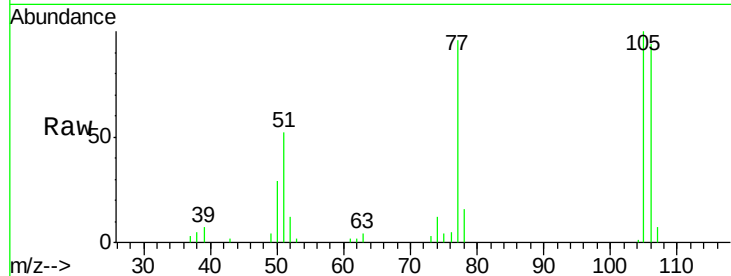
BNA_F

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SB-1(13-15)MS

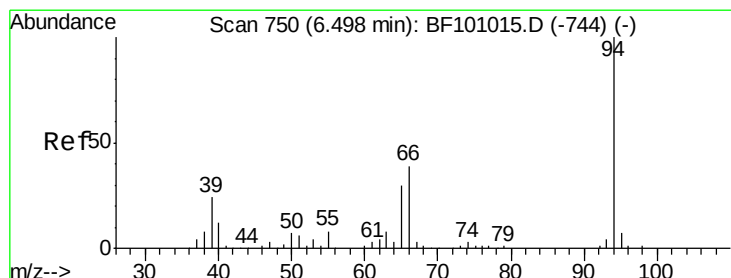
Tot Ion:	77	Resp:	30587
Ion	Ratio	Lower	Upper
77	100		
105	104.3	81.1	121.1
106	98.2	74.5	114.5

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#10

Phenol

Concen: 46.388 ng

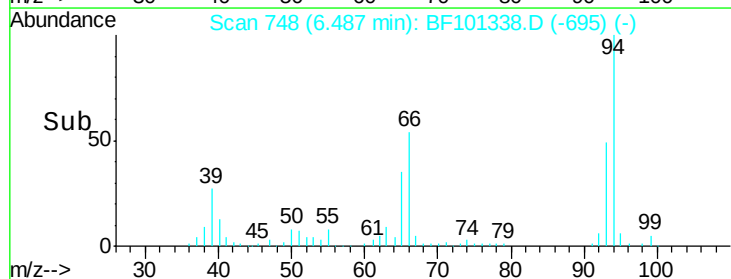
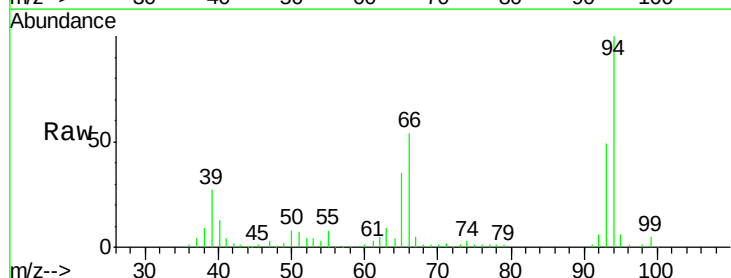
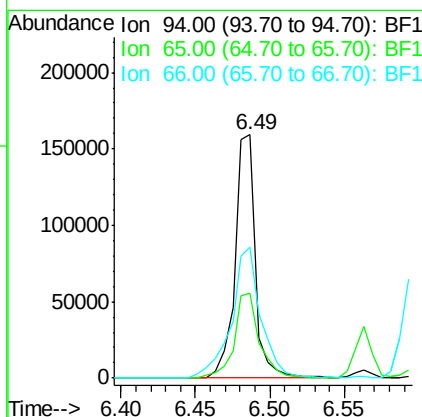
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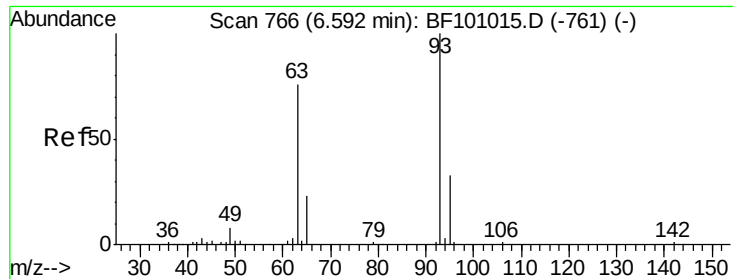
Delta R.T. 0.01 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Tgt Ion:	94	Resp:	153470
Ion	Ratio	Lower	Upper
94	100		
65	35.0	7.9	47.9
66	53.9	16.2	56.2



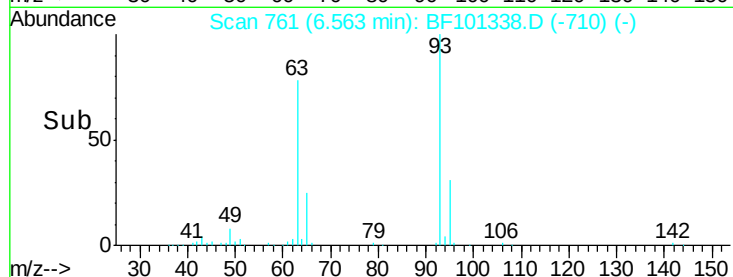
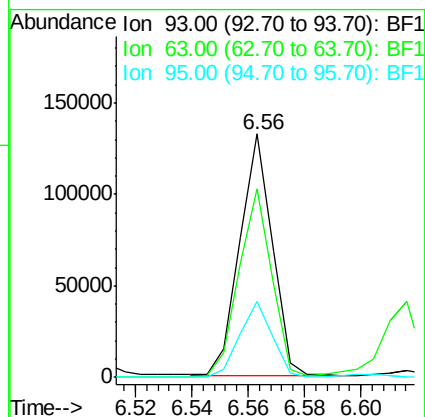
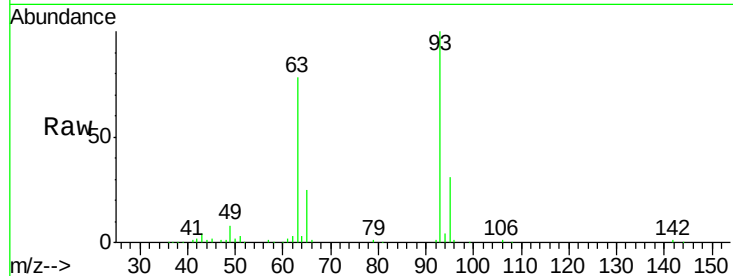


#11
bis(2-Chloroethyl)ether
Concen: 42.556 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

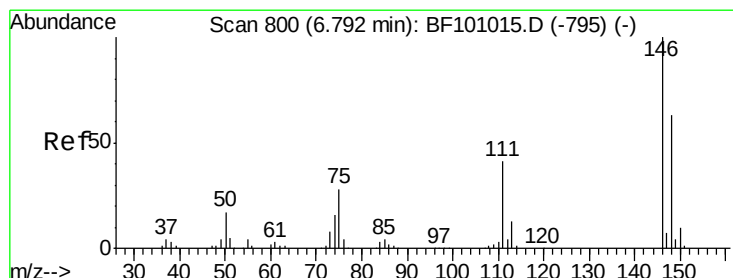
Tot Ion	93	Resp	105604
Ion	Ratio	Lower	Upper
93	100		
63	77.7	58.6	98.6
95	31.1	11.8	51.8

Manual Integrations
APPROVED



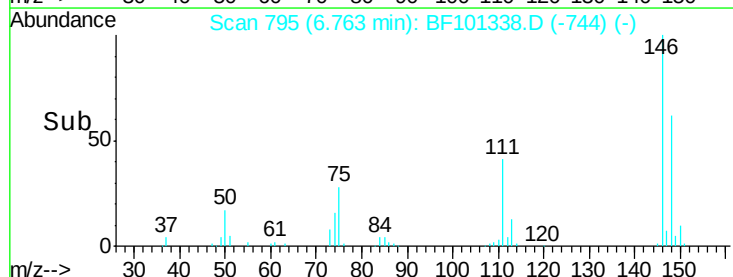
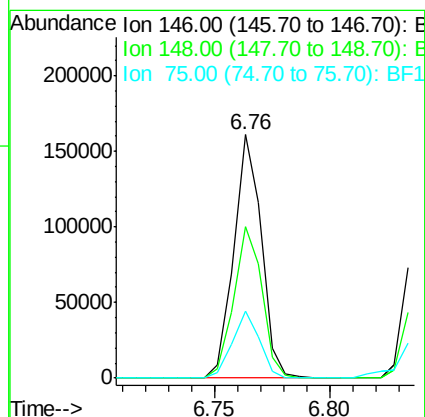
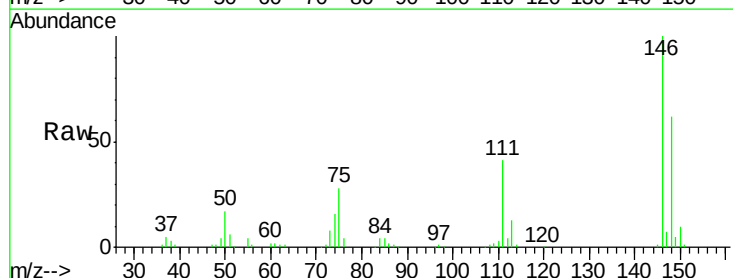
Sohil

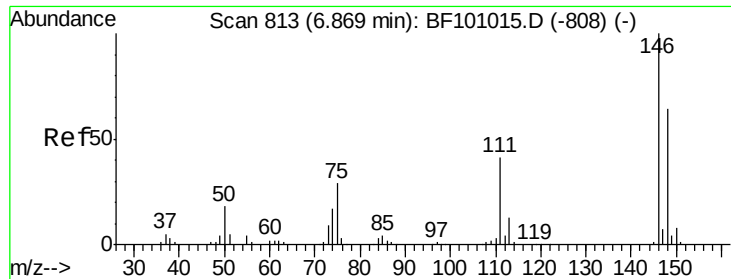
12/13/2017 12:07:44 PM



#12
1,3-Dichlorobenzene
Concen: 43.057 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	146	Resp	133965
Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.8	77.8
75	27.5	24.2	36.4



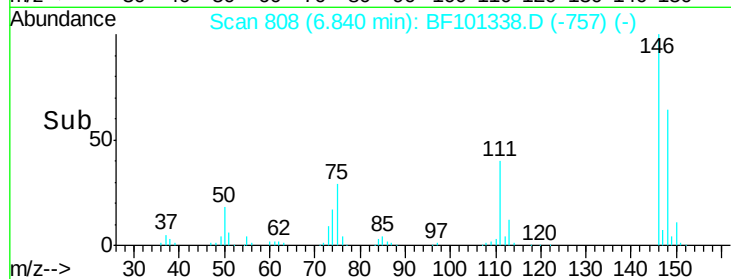
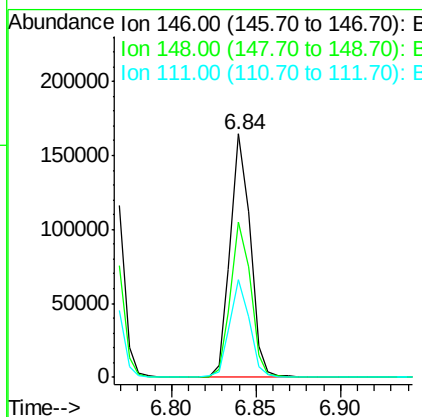
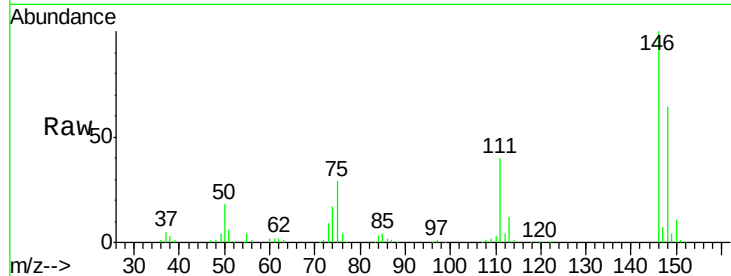


#13
 1,4-Dichlorobenzene
 Concen: 42.303 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF101338.D
 Acq: 12 Dec 2017 19:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(13-15)MS

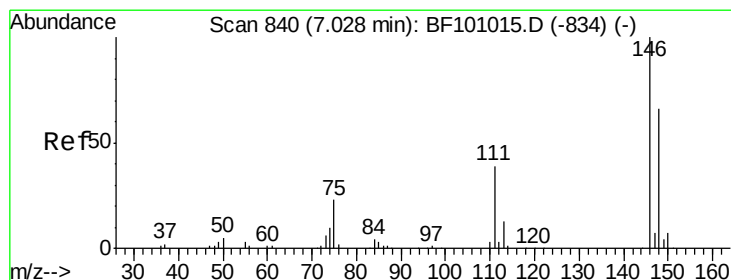
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	40.4	34.2	51.2

Manual Integrations
 APPROVED



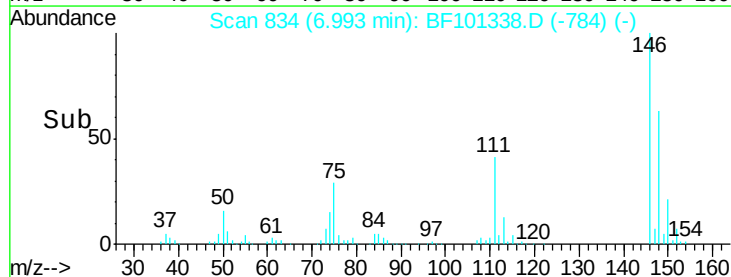
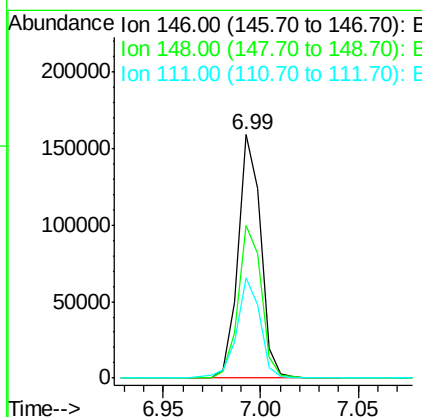
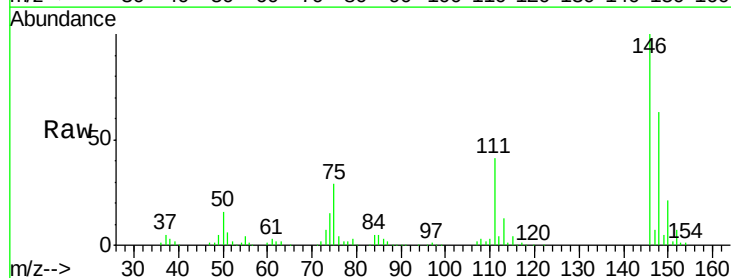
Sohil

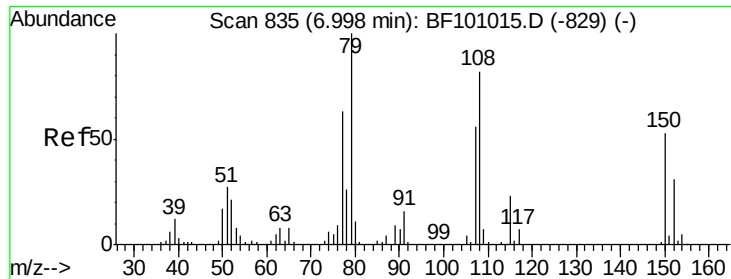
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#14
 1,2-Dichlorobenzene
 Concen: 42.639 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF101338.D
 Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.6	75.8
111	41.4	36.0	54.0



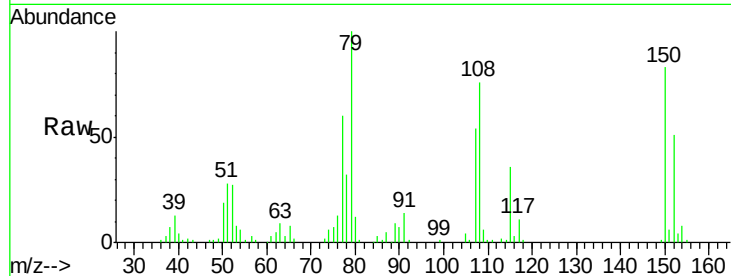


#15
Benzyl Alcohol
Concen: 42.324 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

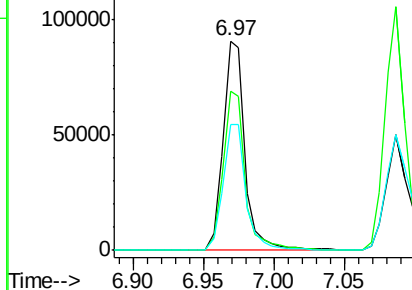
Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.9	65.1	97.7
77	59.7	50.6	75.8

Manual Integrations
APPROVED

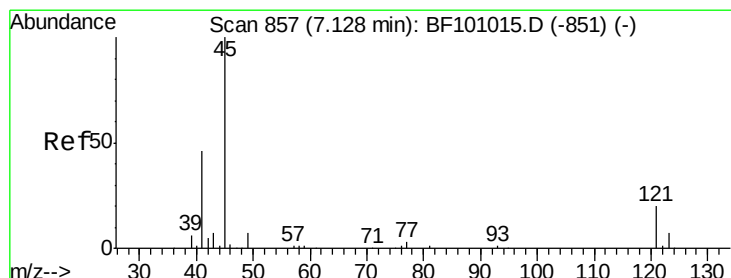
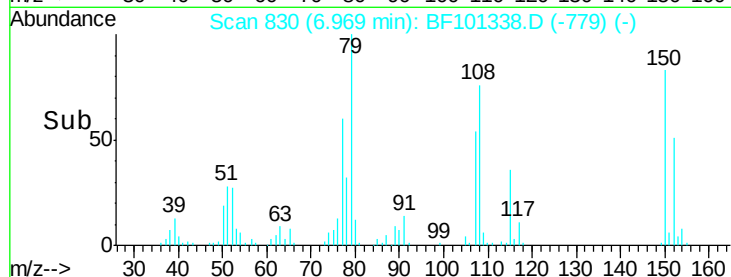


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



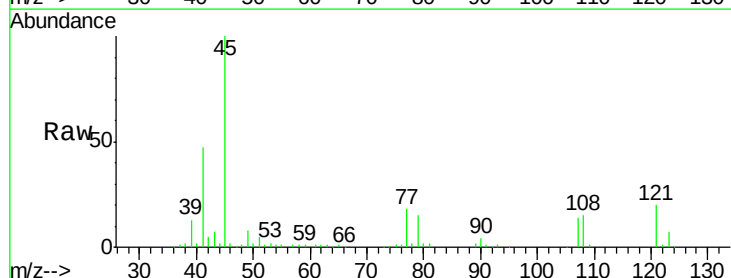
Sohil

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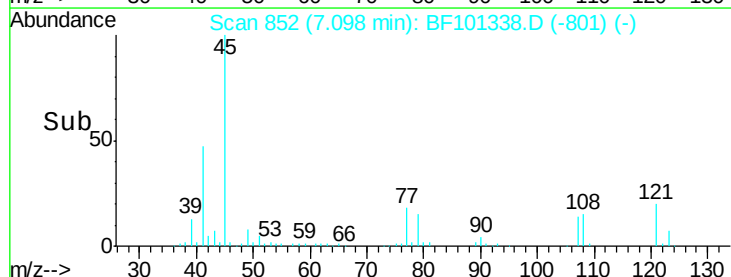
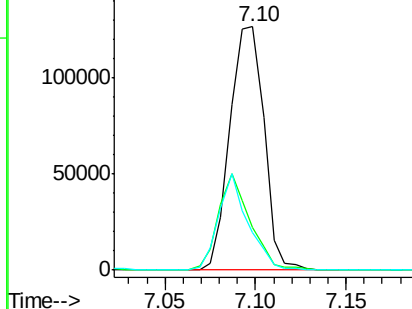


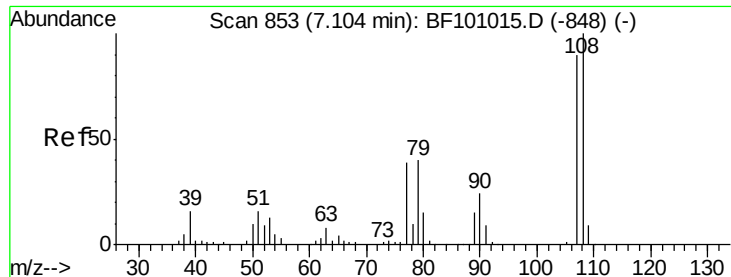
#16
2,2'-oxybis(1-chloropropane)
Concen: 49.405 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	32.9
79	15.2	0.0	29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



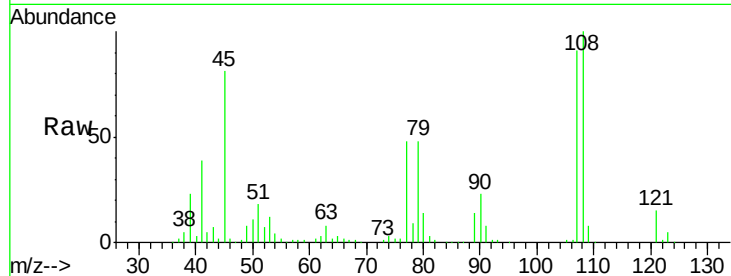


#17
2-Methylphenol
Concen: 44.744 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.4	91.7	137.5
77	52.7	33.8	50.8#
79	52.6	33.8	50.8#

Manual Integrations
APPROVED



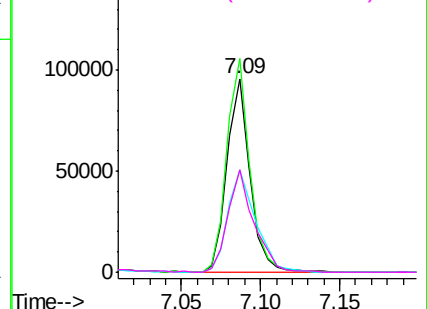
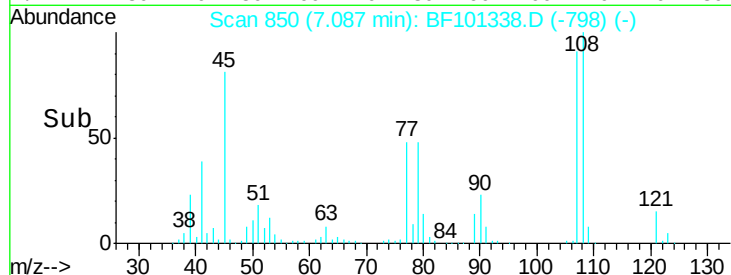
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

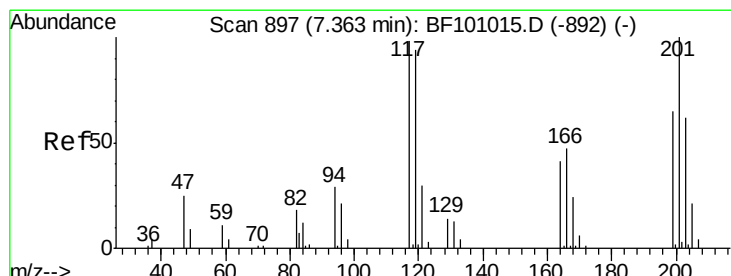
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



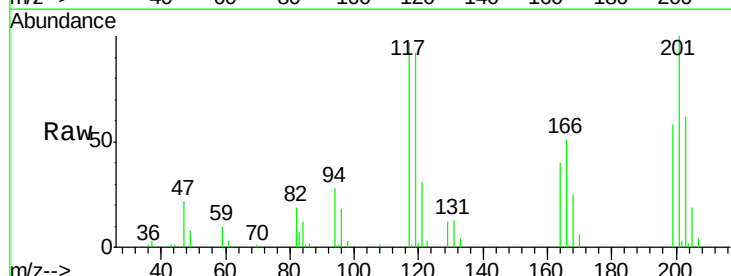
Sohil

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#18
Hexachloroethane
Concen: 33.940 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.8
201	103.6	75.7	113.5

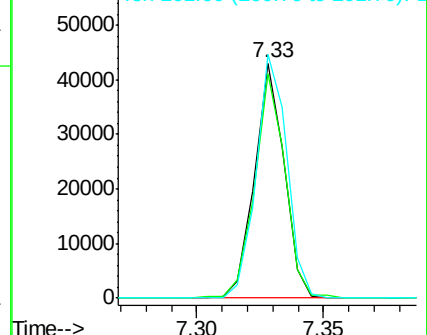
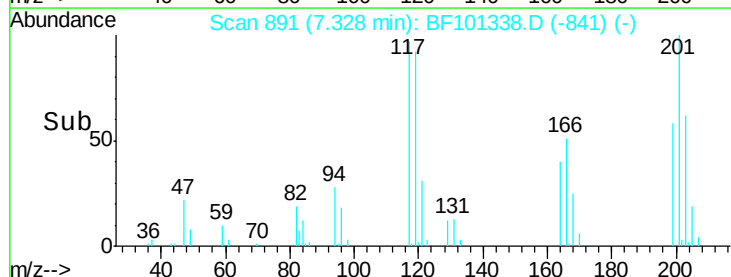


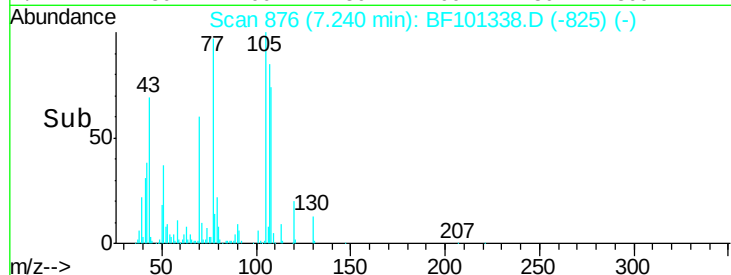
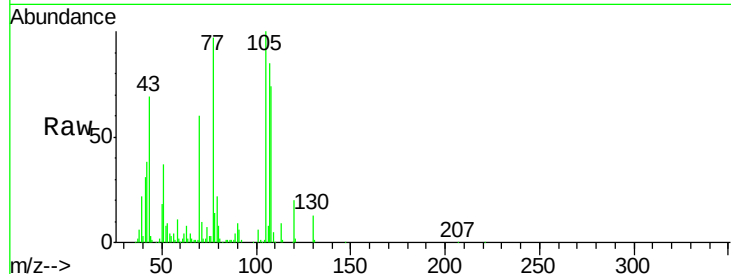
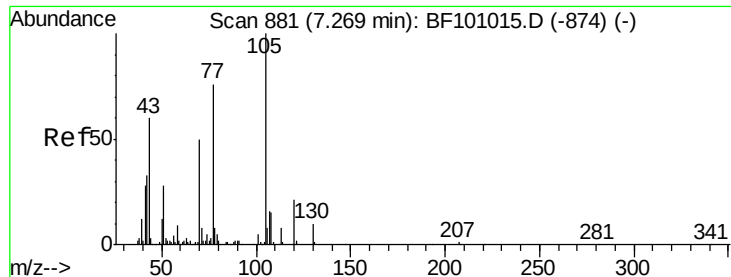
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



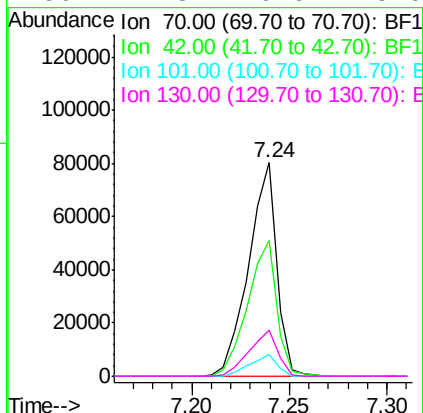


#19
n-Nitroso-di-n-propylamine
Concen: 40.105 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

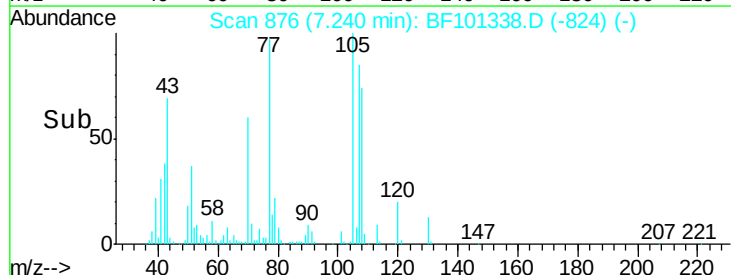
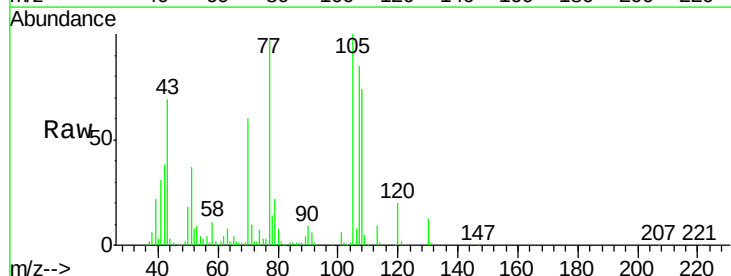
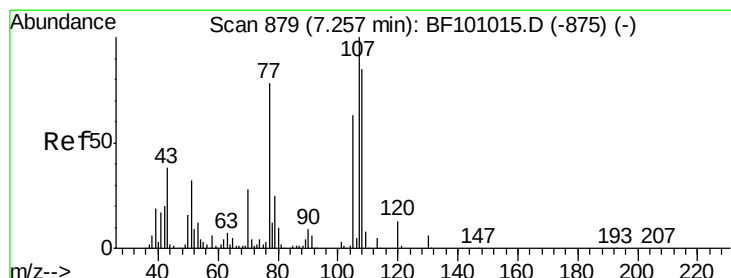
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.7	47.5	71.3	
101	10.1	7.4	11.2	
130	21.3	16.6	25.0	

Manual Integrations
APPROVED



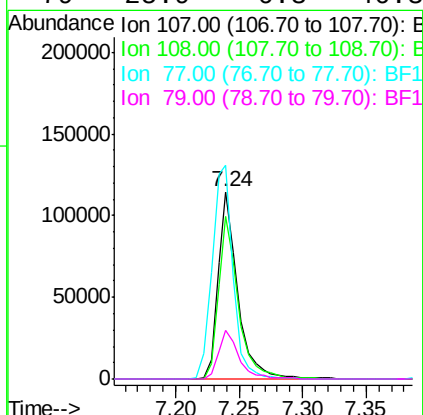
Sohil

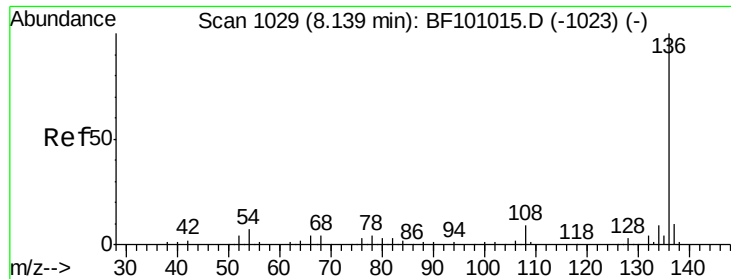
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#20
3+4-Methylphenols
Concen: 44.303 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.9	68.2	108.2	
77	114.3	26.7	66.7#	
79	25.9	6.3	46.3	



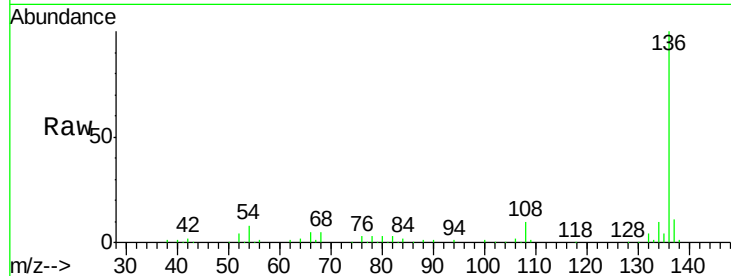


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	7.9	6.6	9.8	
68	5.2	5.0	7.4	

Manual Integrations
APPROVED



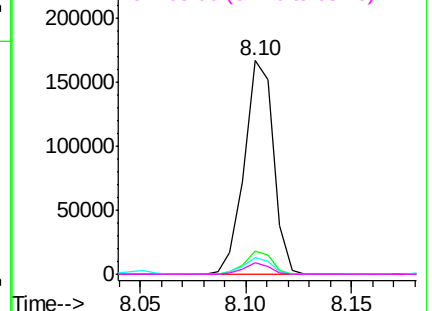
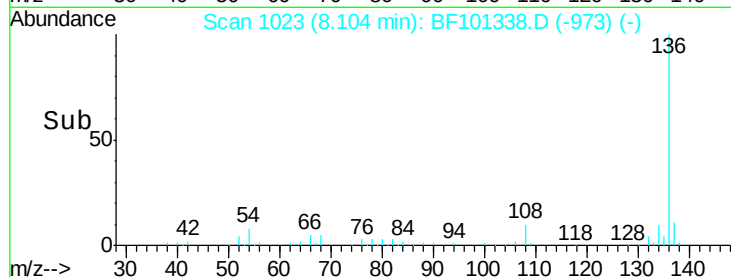
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

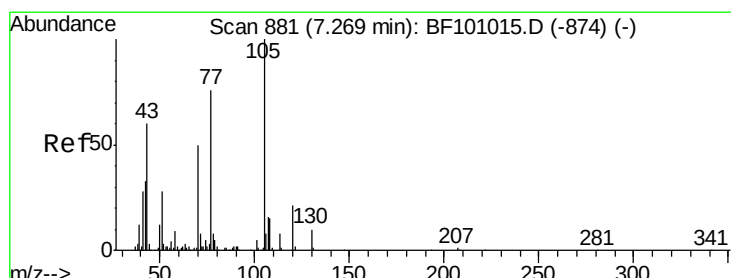
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



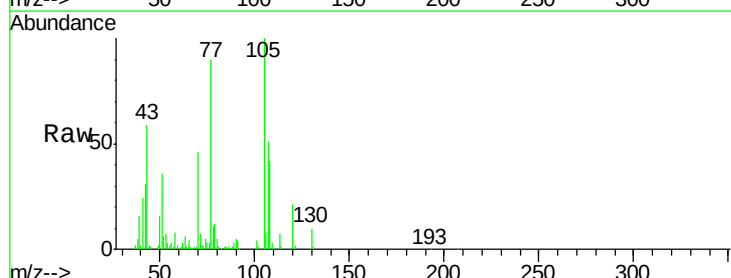
Sohil

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#22
Acetophenone
Concen: 40.765 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.4	4.4	6.6#	
51	36.2	22.3	33.5#	
120	20.8	16.9	25.3	



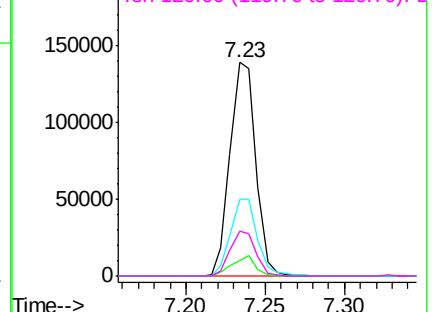
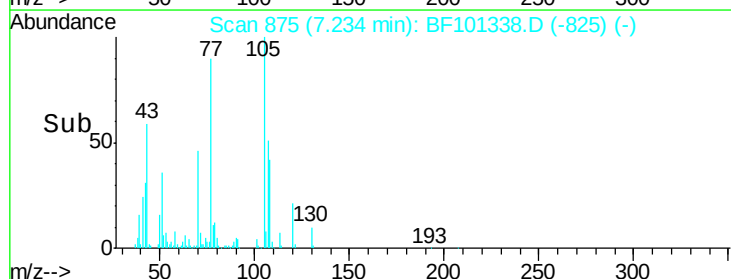
Abundance

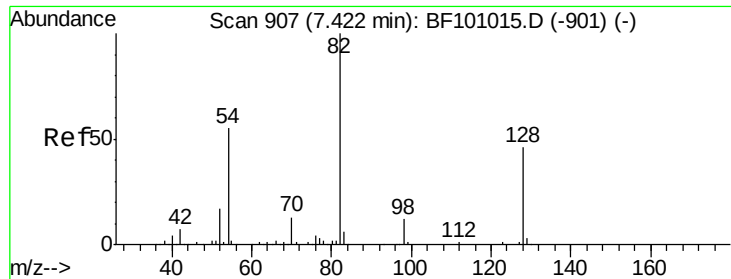
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



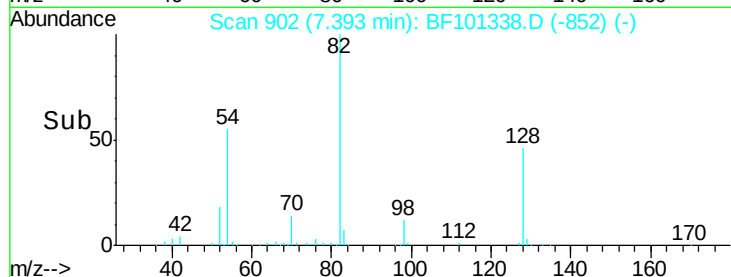
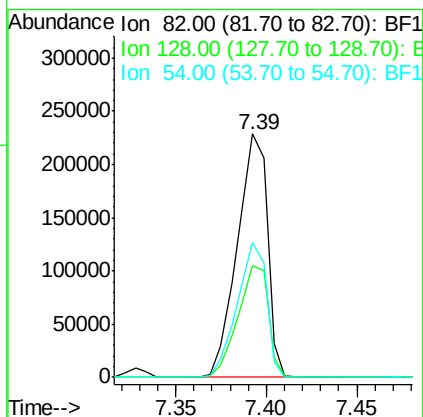
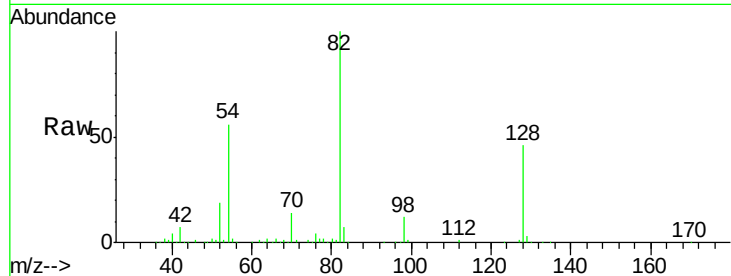


#23
Nitrobenzene-d5
Concen: 99.053 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

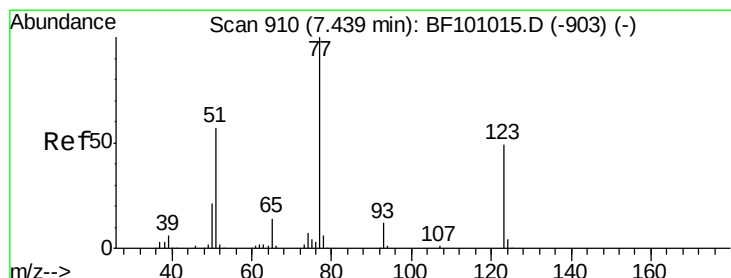
Tot Ion	82	Resp	264629
Ion Ratio	Lower	Upper	
82	100		
128	46.1	36.1	54.1
54	55.5	41.4	62.2

Manual Integrations
APPROVED



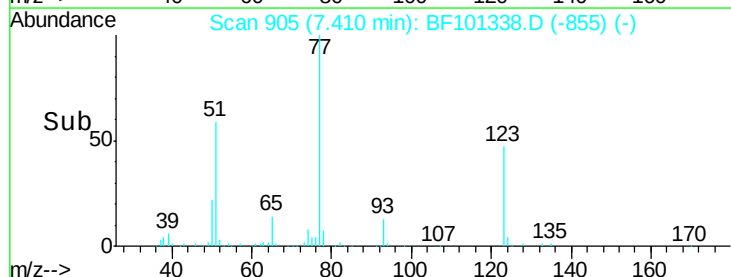
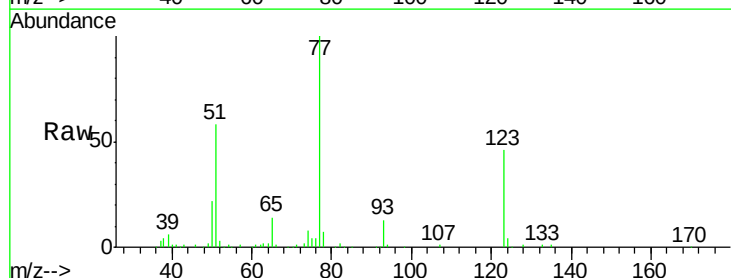
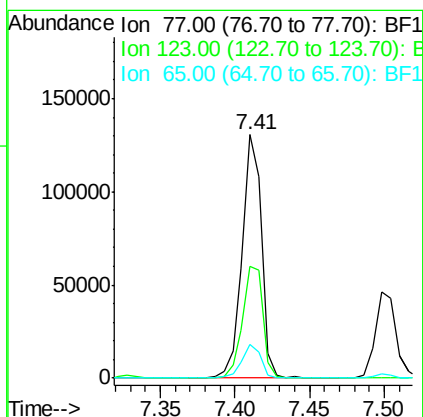
Sohil

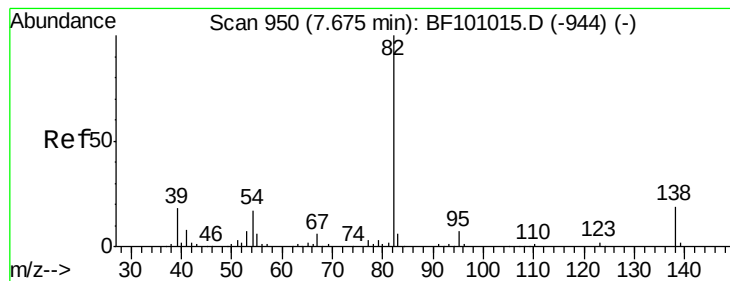
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#24
Nitrobenzene
Concen: 44.914 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	77	Resp	117601
Ion Ratio	Lower	Upper	
77	100		
123	45.9	37.9	56.9
65	13.9	11.0	16.4





#25

Isophorone

Concen: 46.313 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Instrument :

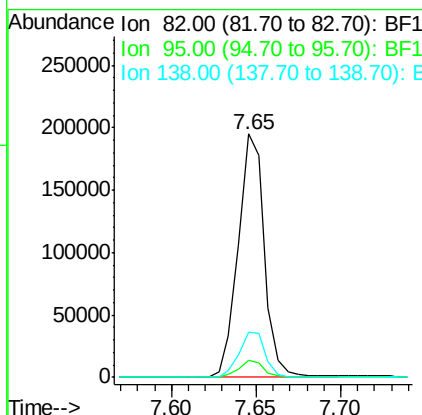
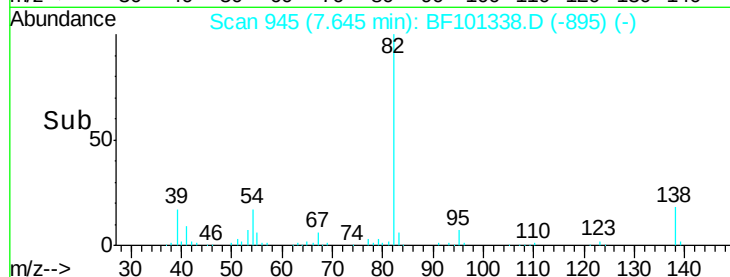
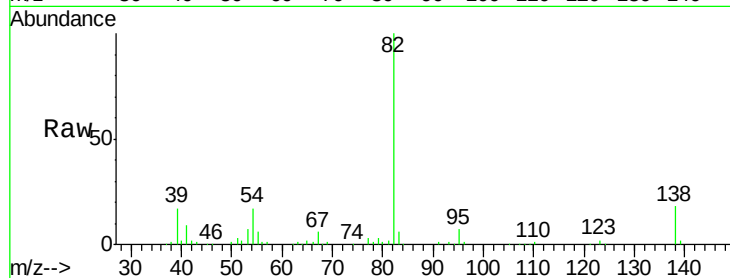
BNA_F

ClientSampleId :

SB-1(13-15)MS

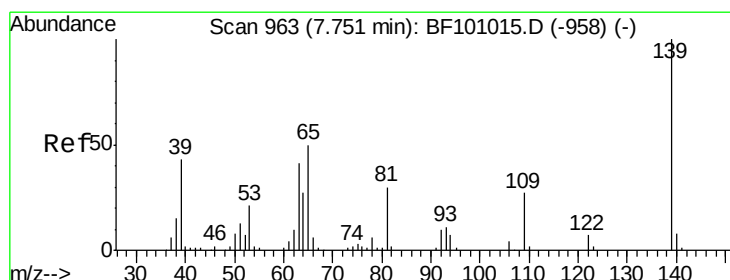
Tot Ion:	82	Resp:	211341
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.2	7.8
138	18.4	14.9	22.3

Manual Integrations
APPROVED



Sohil

12/13/2017 12:07:44 PM



#26

2-Nitrophenol

Concen: 34.793 ng

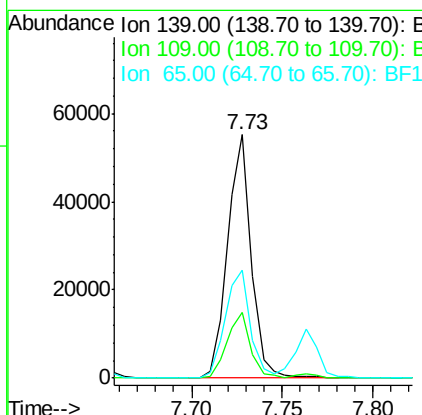
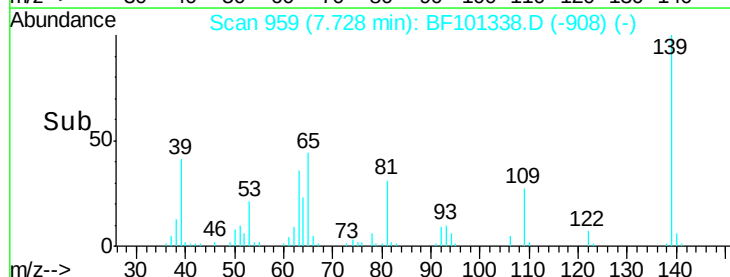
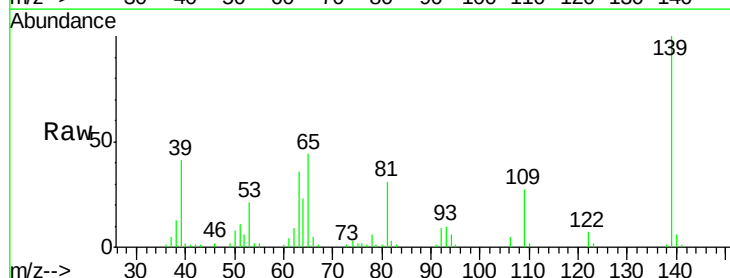
RT: 7.73 min Scan# 959

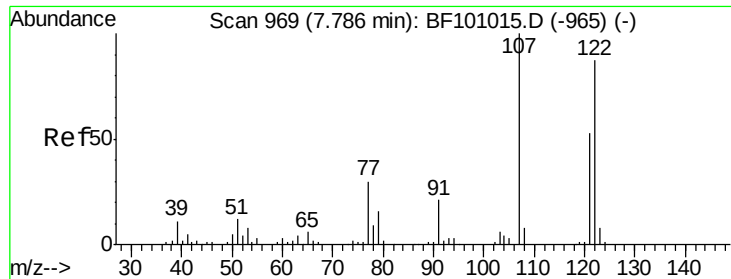
Delta R.T. 0.00 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Tgt Ion:	139	Resp:	50009
Ion Ratio		Lower	Upper
139	100		
109	27.2	22.7	34.1
65	44.4	40.5	60.7



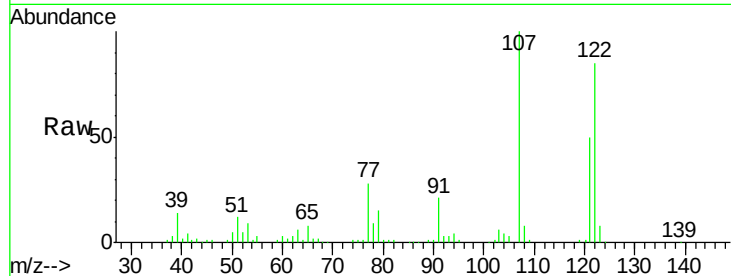


#27
2,4-Dimethylphenol
Concen: 49.170 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

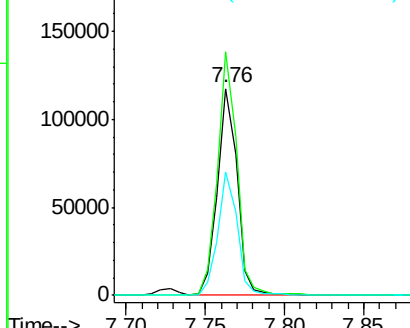
Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	117.8	91.2		136.8	
121	59.4	47.2		70.8	

Manual Integrations
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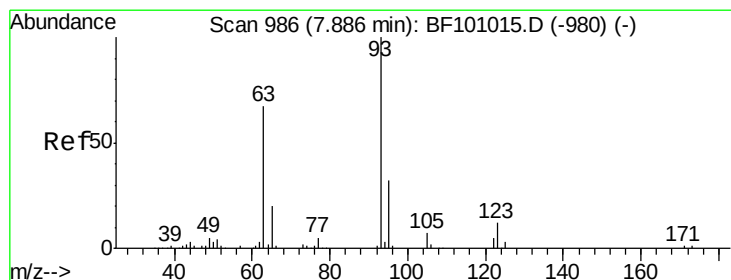
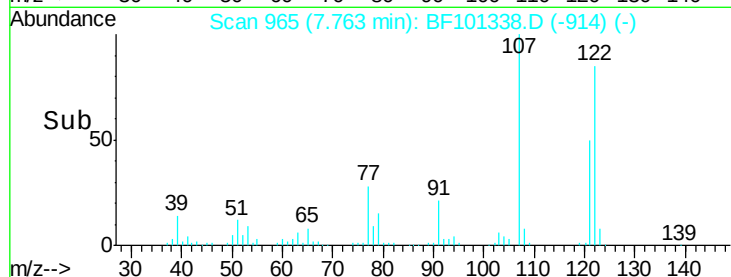


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



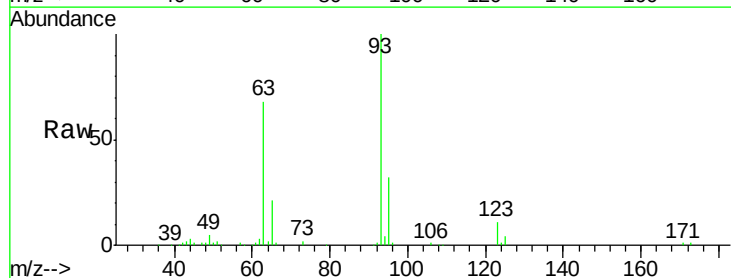
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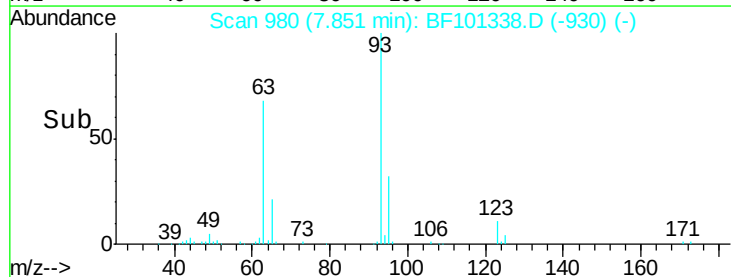
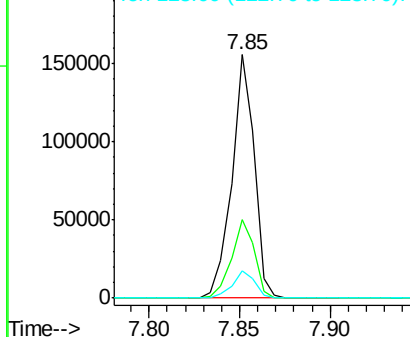


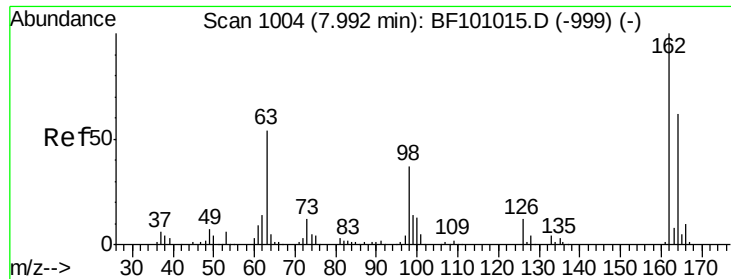
#28
bis(2-Chloroethoxy)methane
Concen: 43.701 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.3	26.3		39.5	
123	11.0	9.8		14.6	



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E



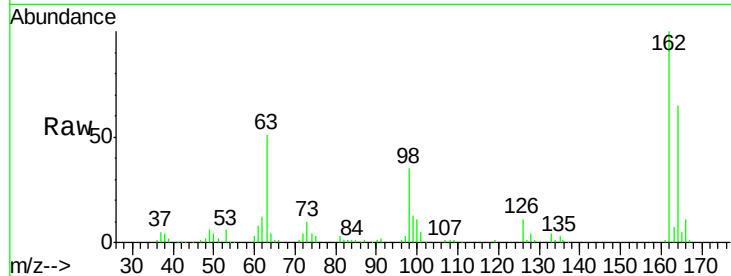


#29
2,4-Dichlorophenol
Concen: 45.558 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

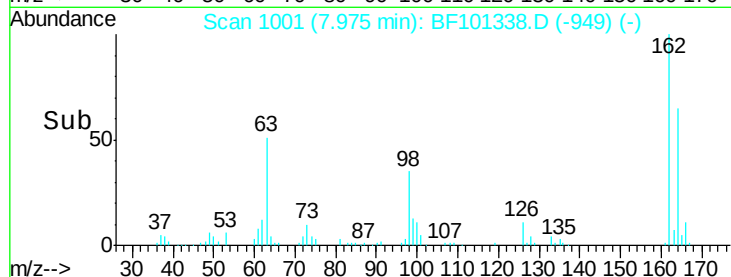
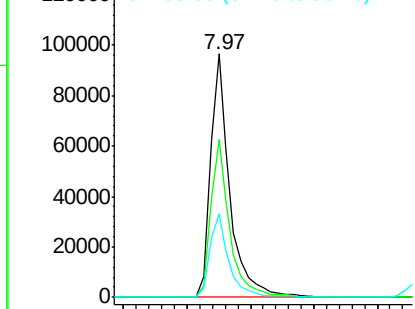
Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.0	42.7	82.7	
98	34.5	18.1	58.1	

Manual Integrations
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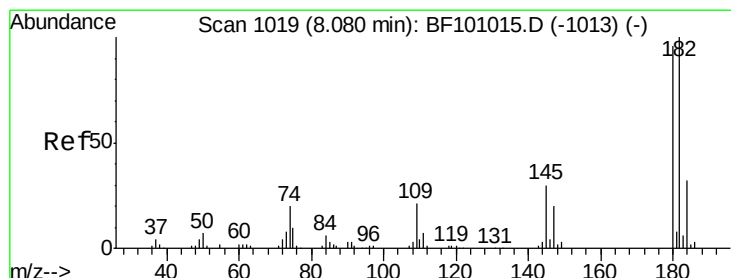


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



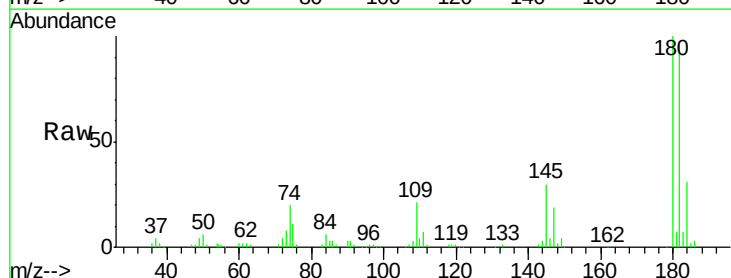
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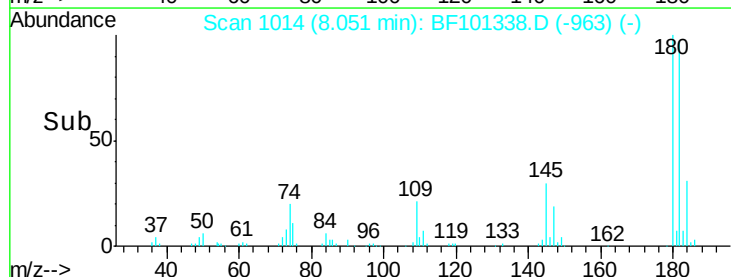
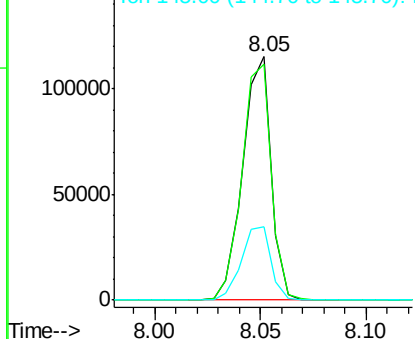


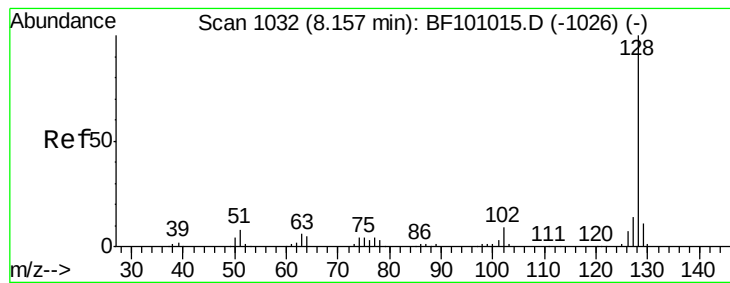
#30
1,2,4-Trichlorobenzene
Concen: 43.149 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.2	76.8	115.2	
145	30.1	26.5	39.7	



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





#31

Naphthalene

Concen: 42.840 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Instrument :

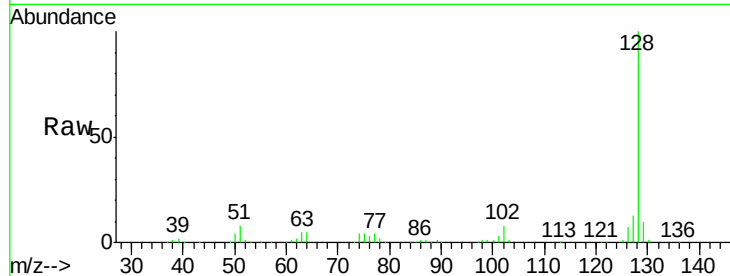
BNA_F

ClientSampled :

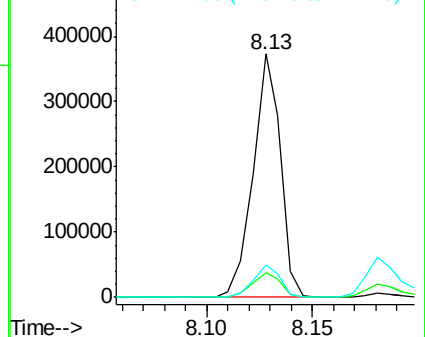
SB-1(13-15)MS

Tot Ion:	128	Resp:	336488
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.8	13.2
127	13.3	10.9	16.3

Manual Integrations
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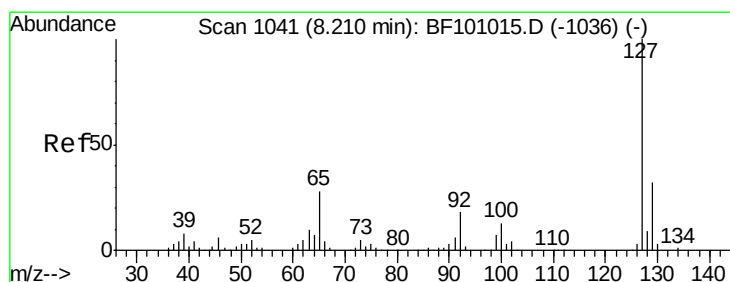
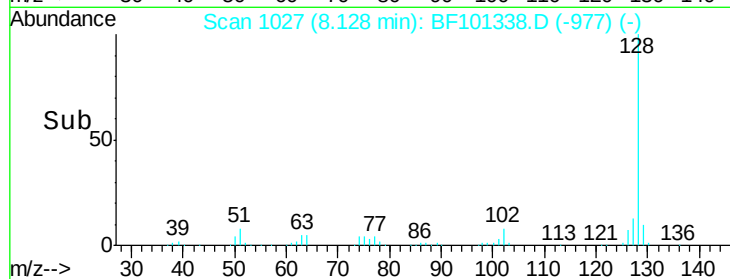


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



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#33

4-Chloroaniline

Concen: 23.115 ng

RT: 8.18 min Scan# 1036

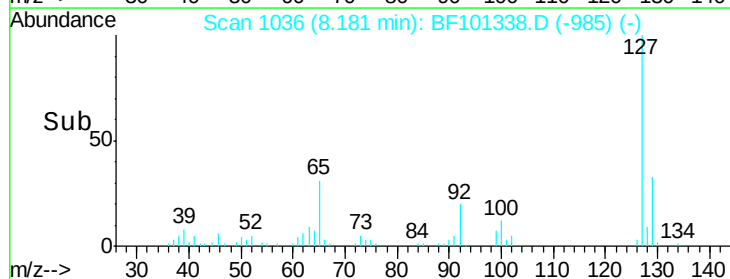
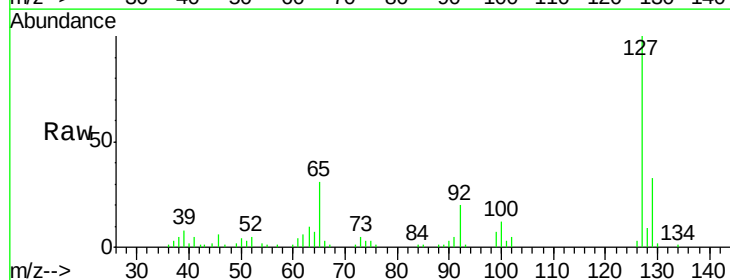
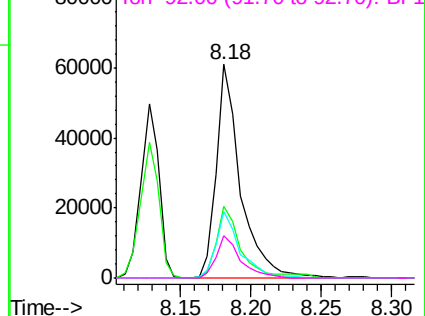
Delta R.T. 0.00 min

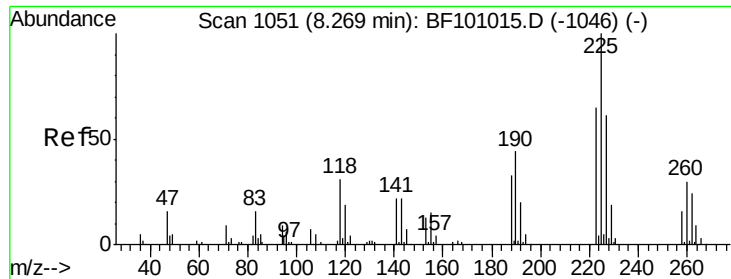
Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Tgt Ion:	127	Resp:	72950
Ion Ratio	Lower	Upper	
127	100		
129	33.3	25.9	38.9
65	31.2	25.0	37.4
92	19.8	15.2	22.8

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



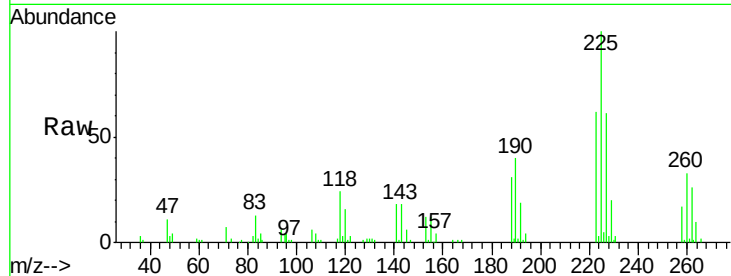


#34
Hexachlorobutadiene
Concen: 41.849 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

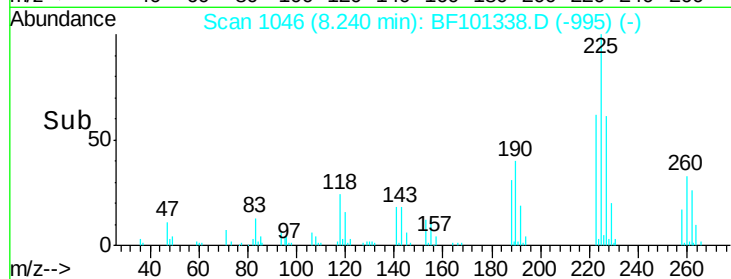
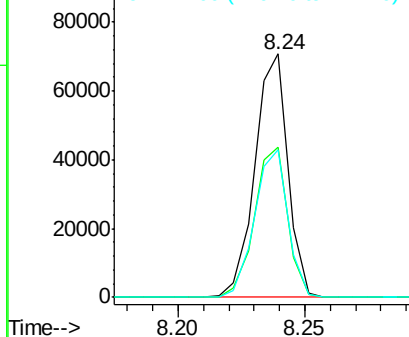
Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

Tot Ion:	225	Resp:	63878
Ion Ratio		Lower	Upper
225	100		
223	61.9	50.6	76.0
227	60.8	51.9	77.9

Manual Integrations
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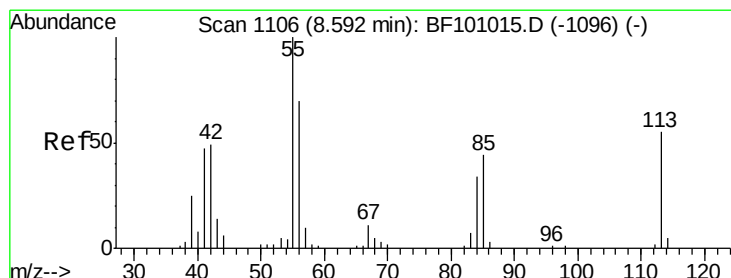


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



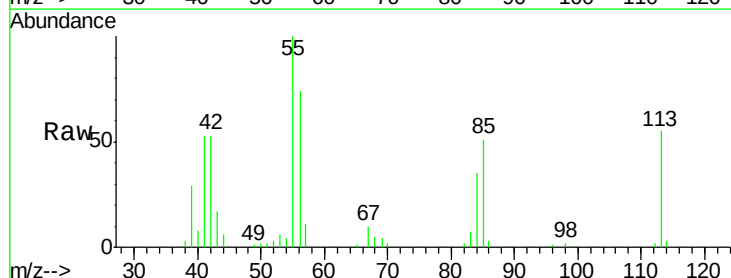
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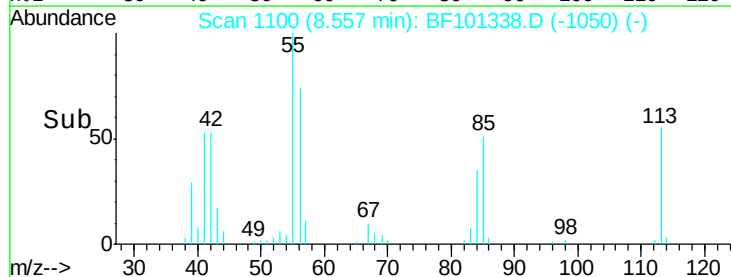
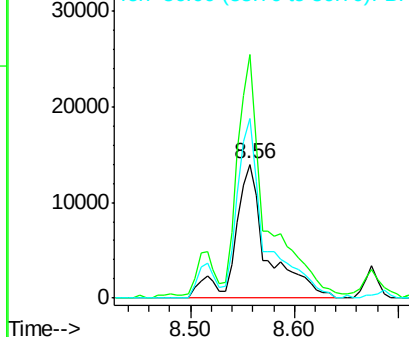


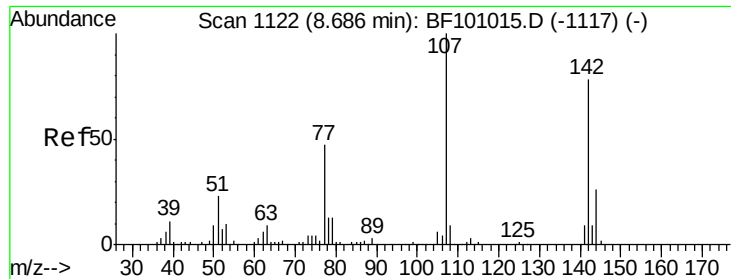
#35
Caprolactam
Concen: 42.521 ng m
RT: 8.56 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion:	113	Resp:	29992
Ion Ratio		Lower	Upper
113	100		
55	181.8	163.3	203.3
56	134.5	115.7	155.7



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1



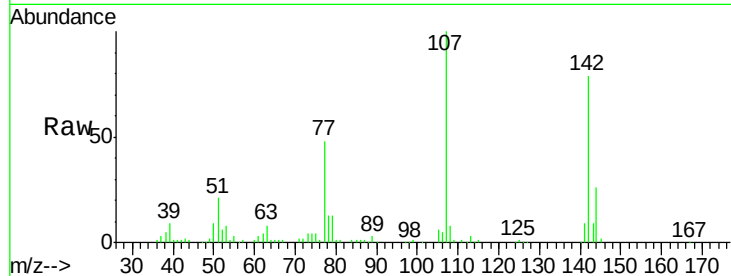


#36
4-Chloro-3-methylphenol
Concen: 42.612 ng
RT: 8.67 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	78.5	62.0	93.0

Manual Integrations
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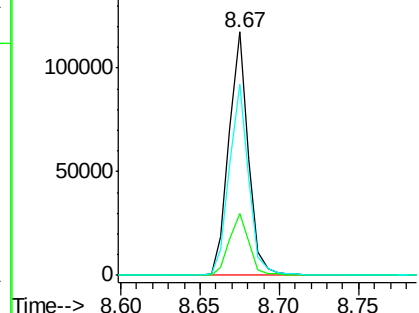
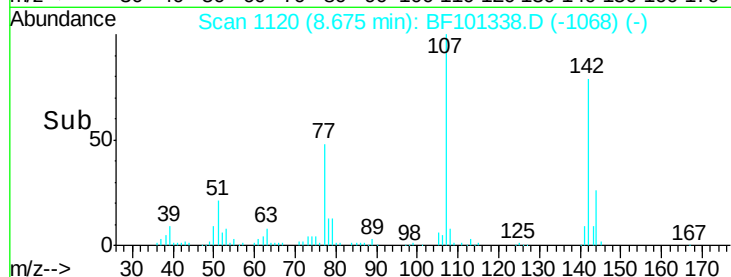


Abundance

Ion 107.00 (106.70 to 107.70): E

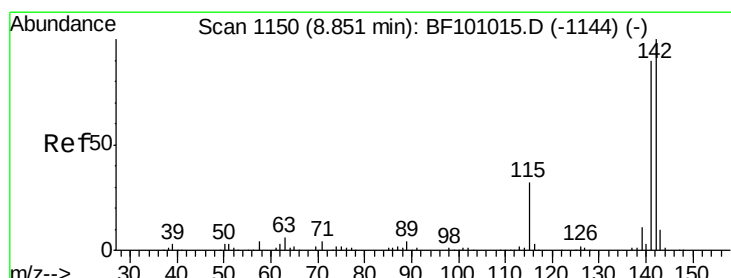
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



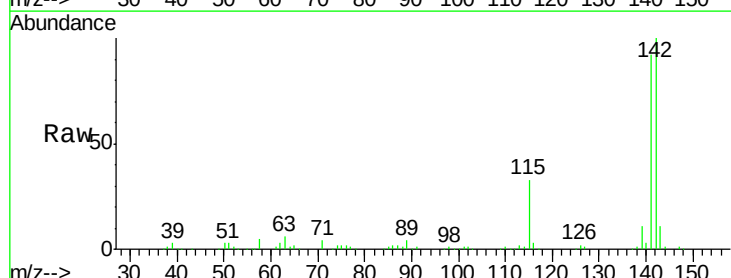
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#37
2-Methylnaphthalene
Concen: 42.585 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	70.8	106.2
115	33.1	26.1	39.1

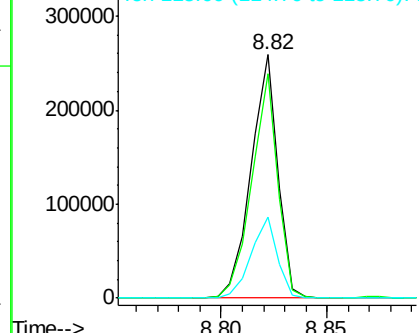
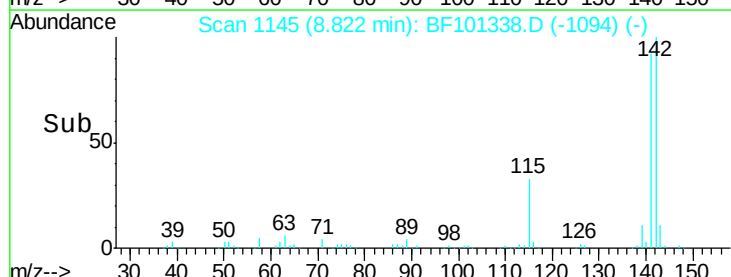


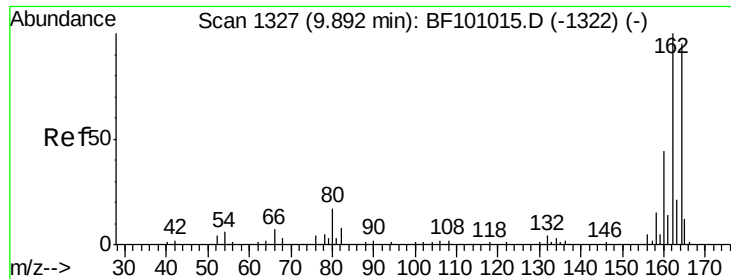
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



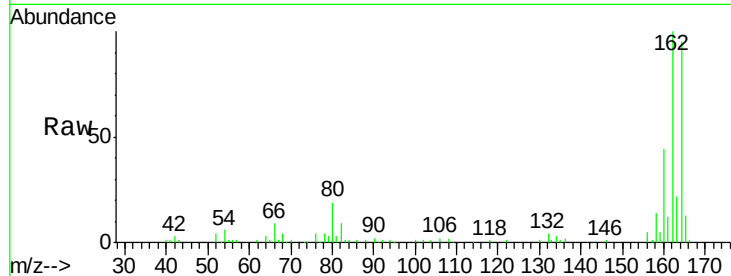


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	46.2	38.3	57.5

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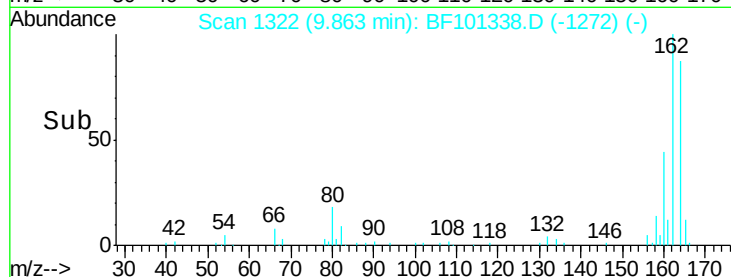
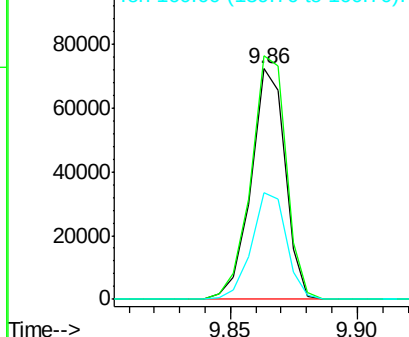


Abundance

Ion 164.00 (163.70 to 164.70): E

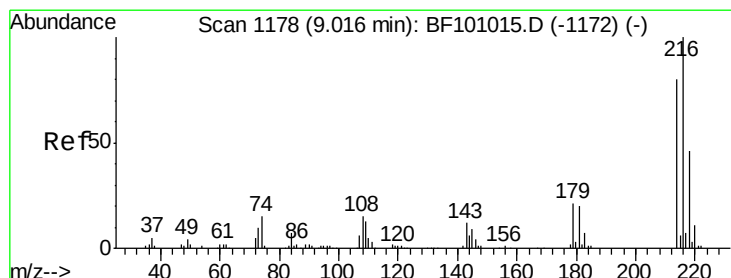
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.150 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	20.0	18.1	27.1
108	14.7	17.2	25.8#

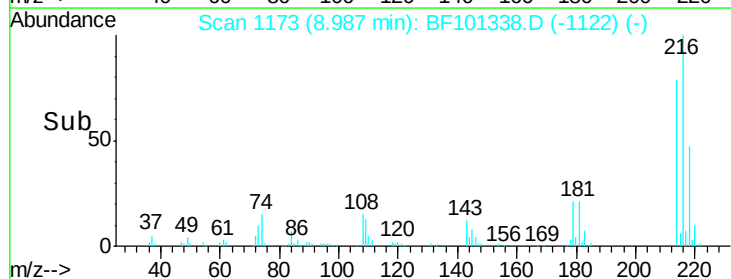
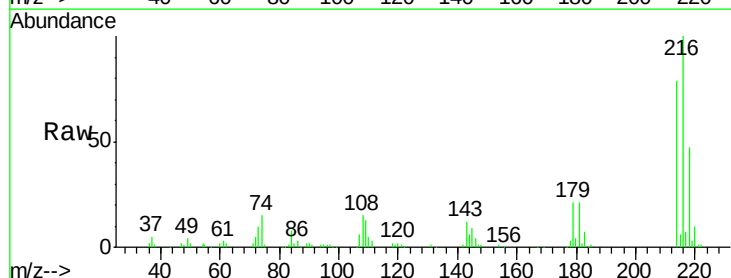
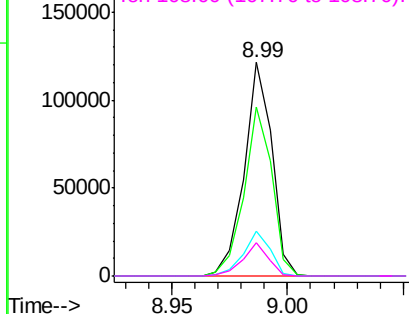
Abundance

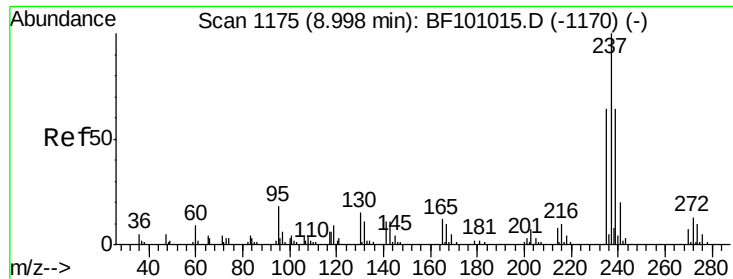
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



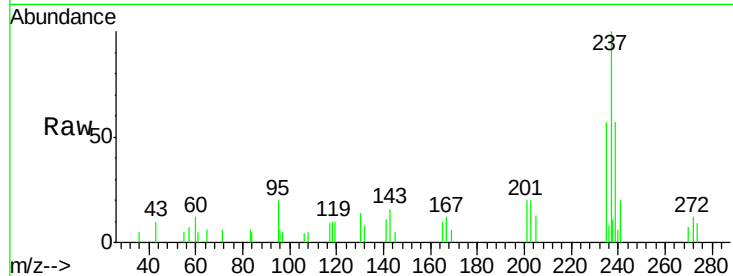


#40
Hexachlorocyclopentadiene
Concen: 13.475 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

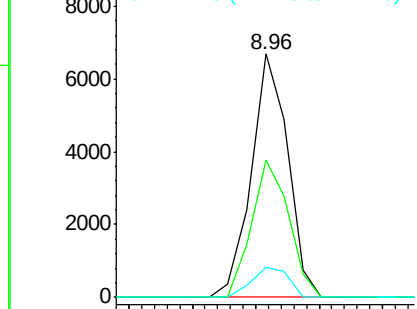
Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

Tot Ion:	237	Resp:	5335
Ion Ratio	Lower	Upper	
237	100		
235	56.5	44.8	84.8
272	12.1	0.0	33.3

Manual Integrations
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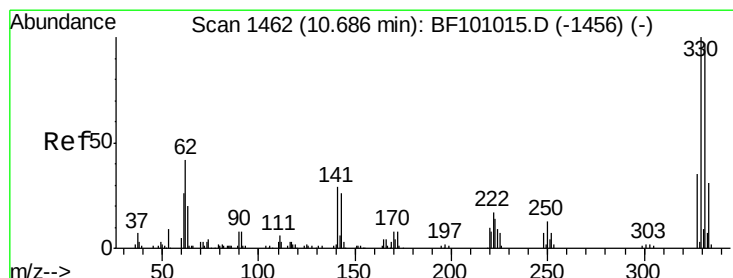
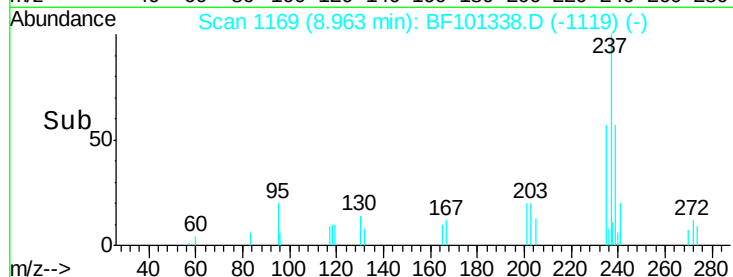


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



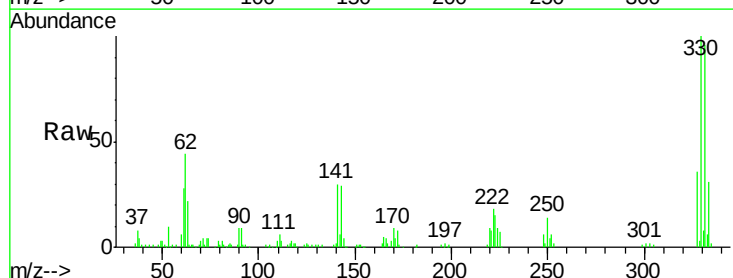
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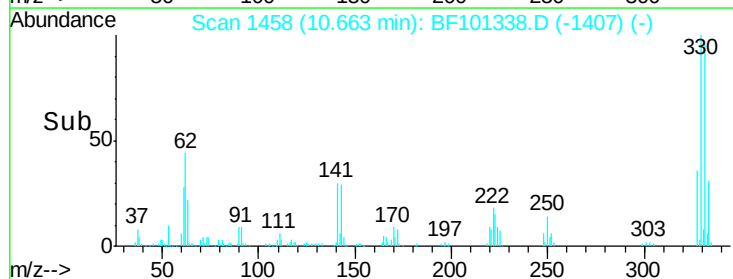
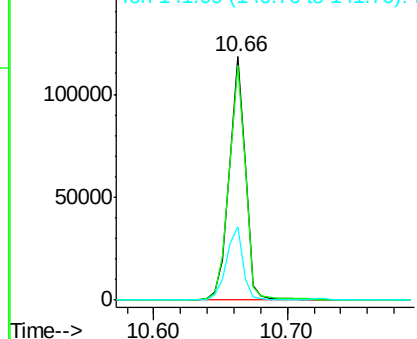


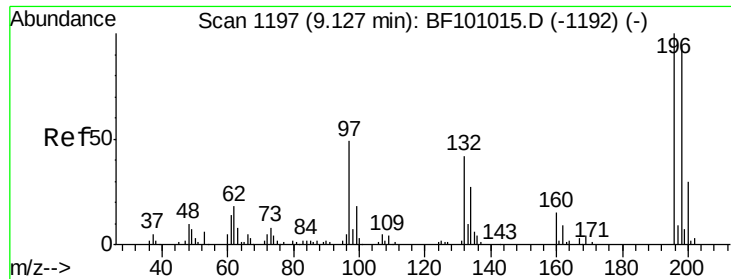
#41
2,4,6-Tribromophenol
Concen: 125.322 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion:	330	Resp:	102699
Ion Ratio	Lower	Upper	
330	100		
332	98.4	77.0	115.6
141	30.8	29.9	44.9



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



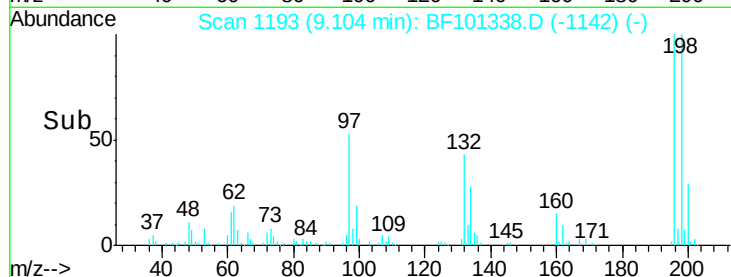
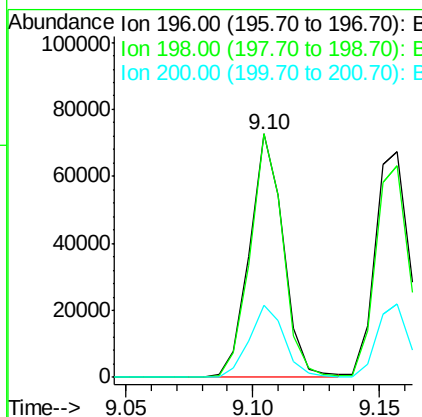
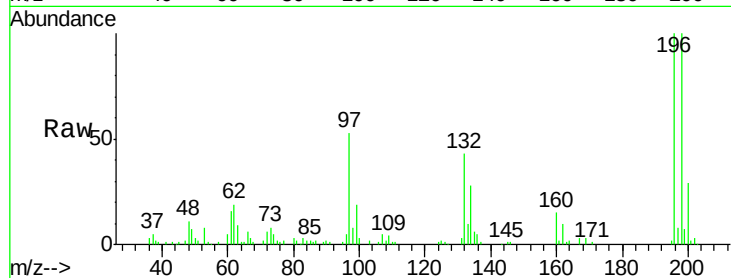


#42
 2,4,6-Trichlorophenol
 Concen: 46.252 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF101338.D
 Acq: 12 Dec 2017 19:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(13-15)MS

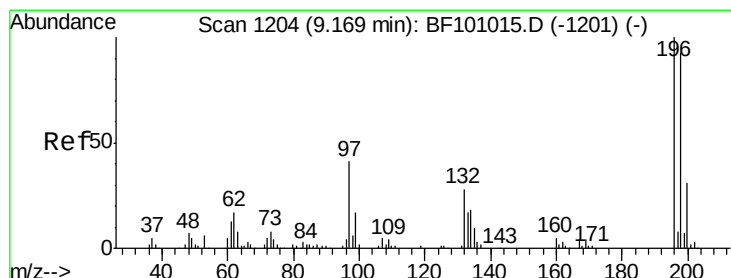
Tot Ion:	196	Resp:	67191
Ion Ratio	Lower	Upper	
196	100		
198	99.9	75.7	113.5
200	29.4	24.5	36.7

Manual Integrations
 APPROVED



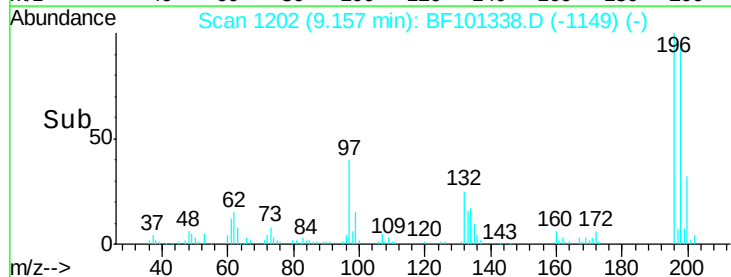
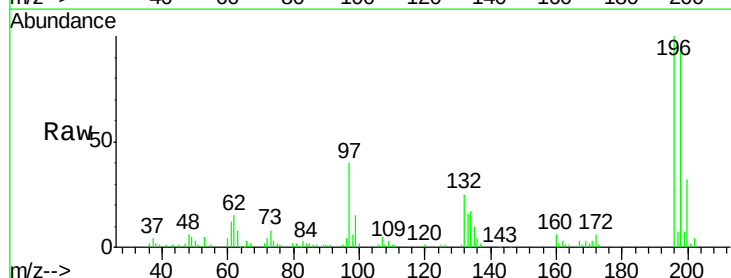
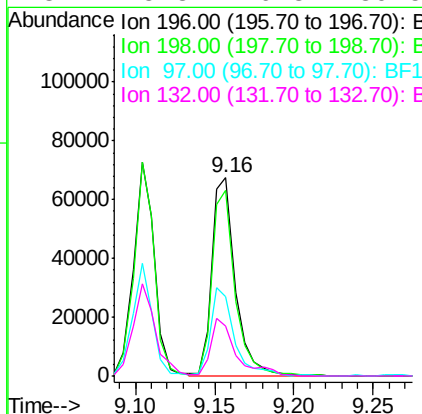
Sohil

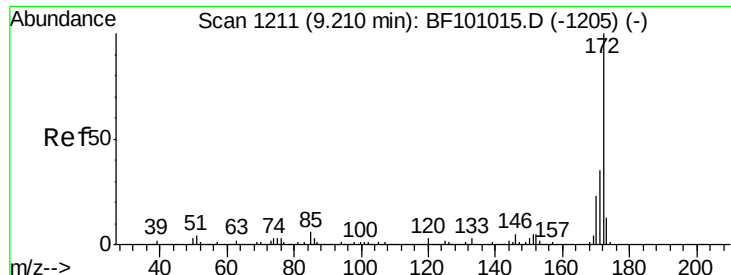
12/13/2017 12:07:44 PM



#43
 2,4,5-Trichlorophenol
 Concen: 45.140 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF101338.D
 Acq: 12 Dec 2017 19:05

Tgt Ion:	196	Resp:	70106
Ion Ratio	Lower	Upper	
196	100		
198	93.8	74.6	112.0
97	40.0	42.9	64.3#
132	25.3	26.3	39.5#



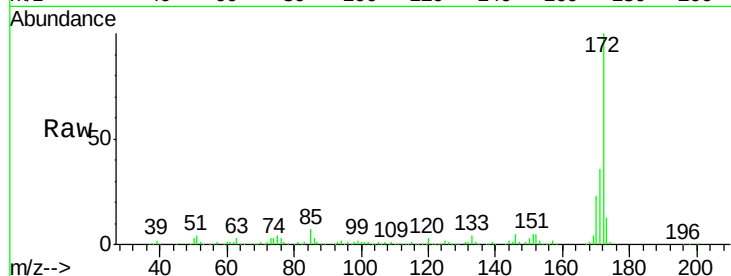


#44
2-Fluorobiphenyl
Concen: 107.273 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

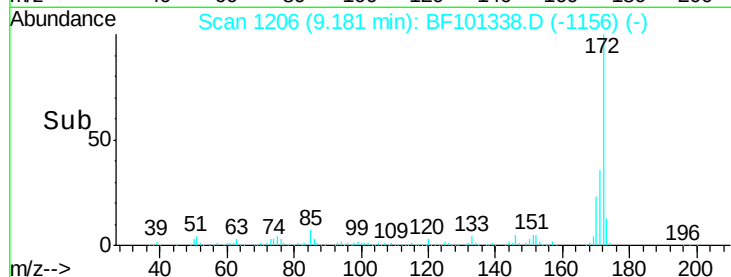
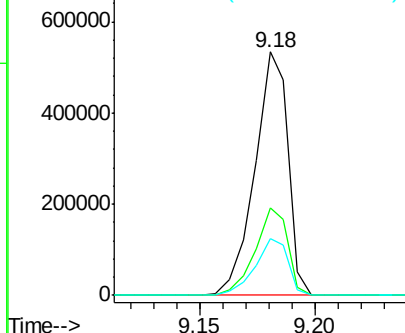
Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.3	19.6	29.4

Manual Integrations
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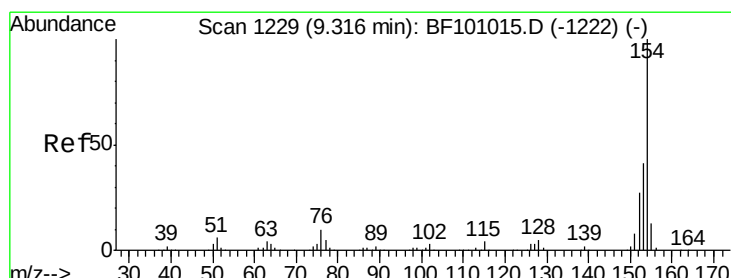


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



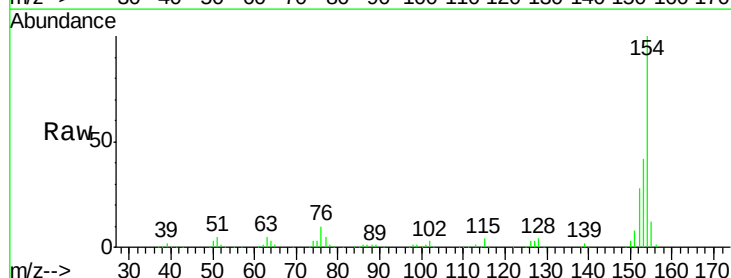
Sohil

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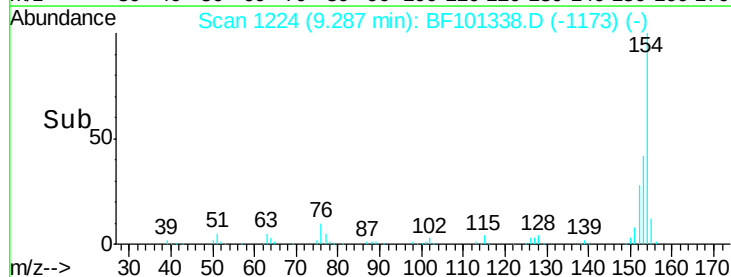
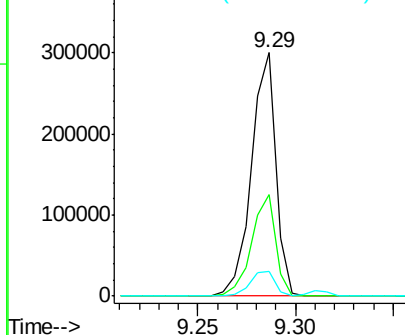


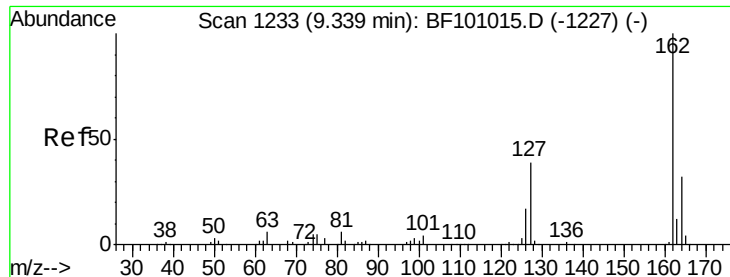
#45
1,1'-Biphenyl
Concen: 41.687 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.3	61.3
76	10.2	0.0	34.0



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



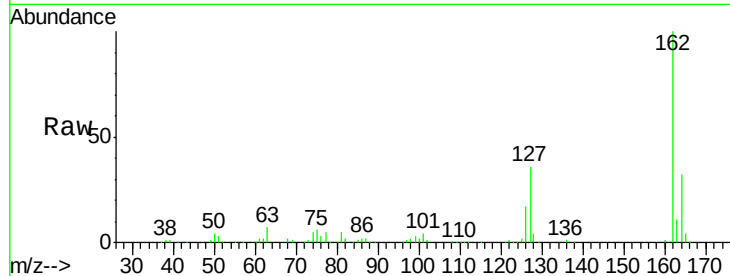


#46
2-Chloronaphthalene
Concen: 46.024 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

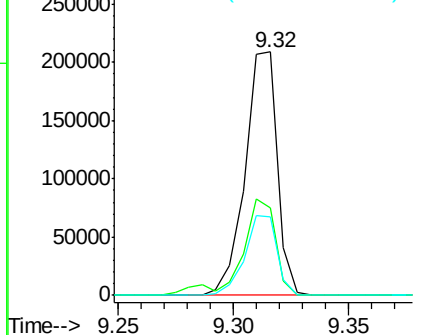
Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.7	33.9	50.9
164	32.3	26.5	39.7

Manual Integrations
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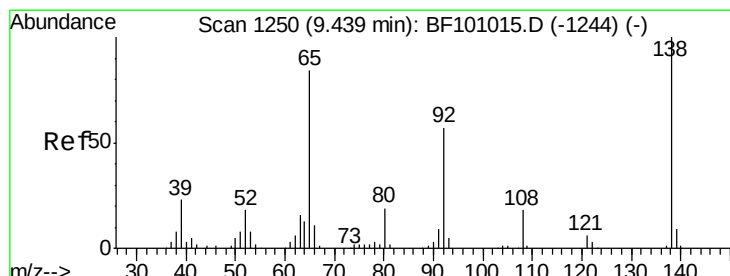
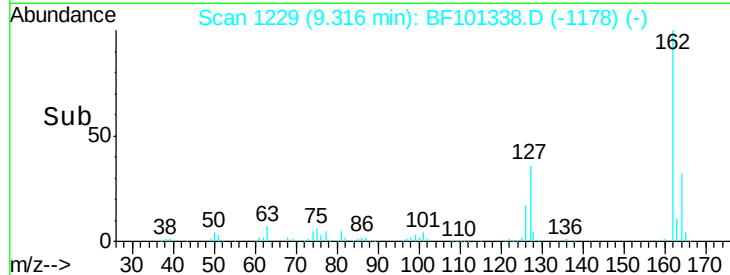


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



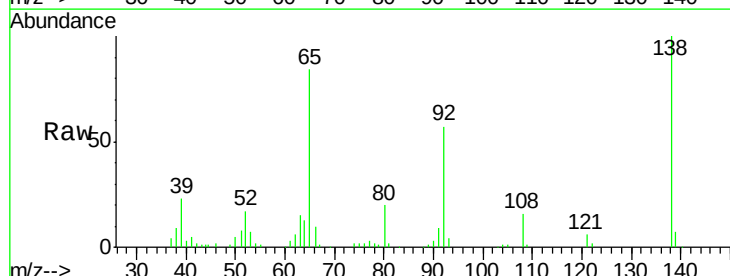
Sohil

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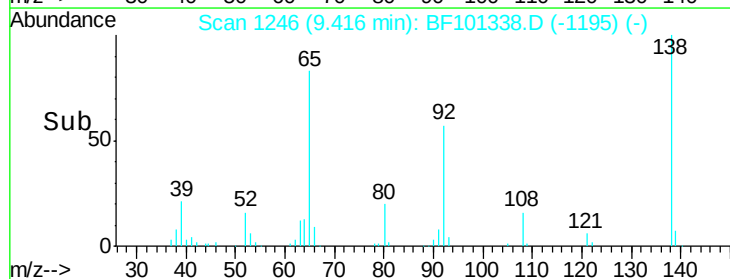
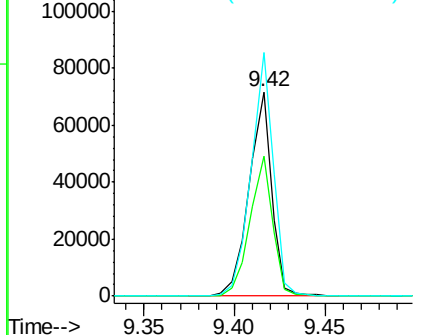


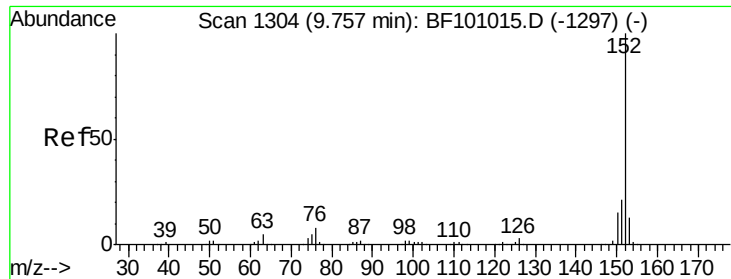
#47
2-Nitroaniline
Concen: 47.582 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.2	55.8	83.6
138	119.0	91.2	136.8



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): E



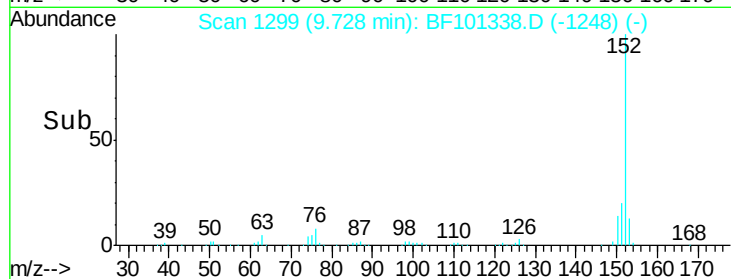
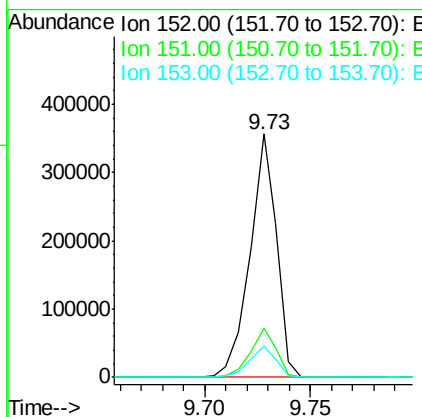
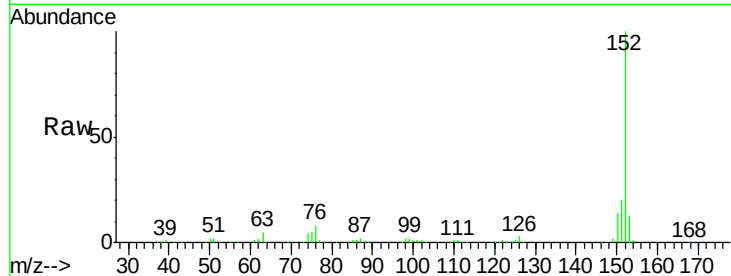


#48
Acenaphthylene
Concen: 42.719 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

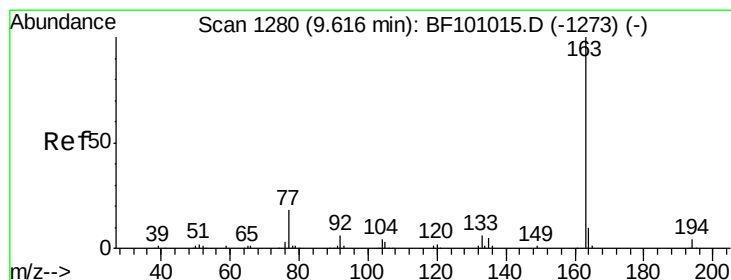
Tot Ion:	152	Resp:	311611
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.3	24.5
153	13.0	10.7	16.1

Manual Integrations
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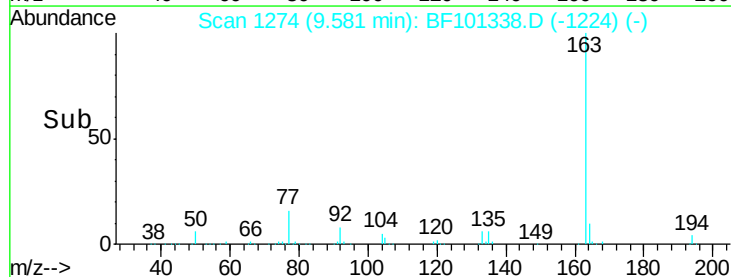
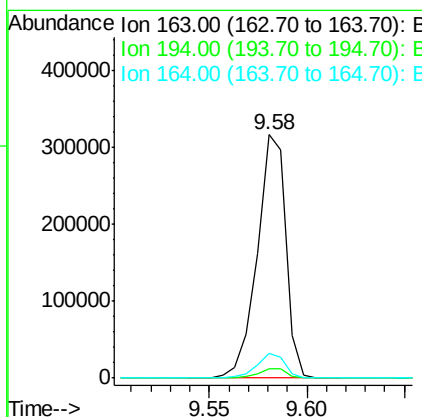
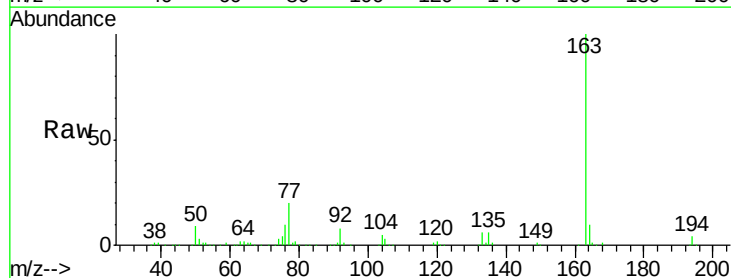
Sohil

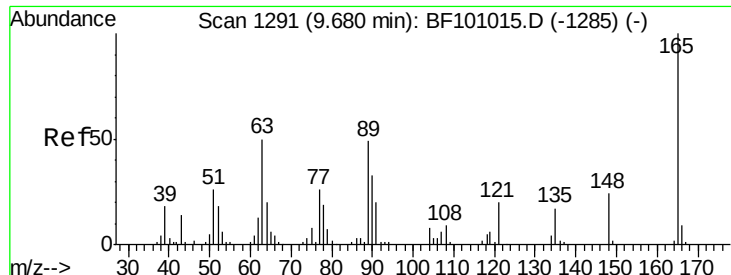
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#49
Dimethylphthalate
Concen: 58.355 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion:	163	Resp:	321040
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	10.3	8.2	12.2



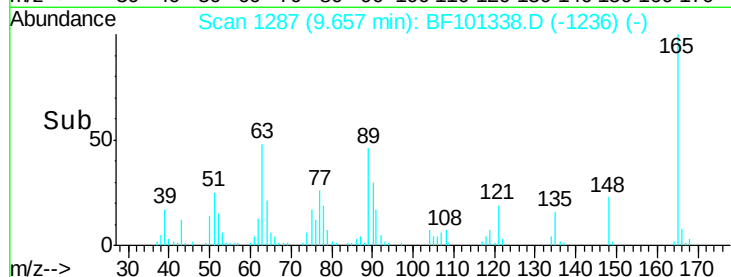
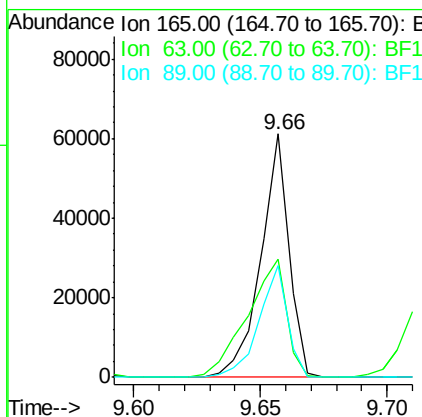
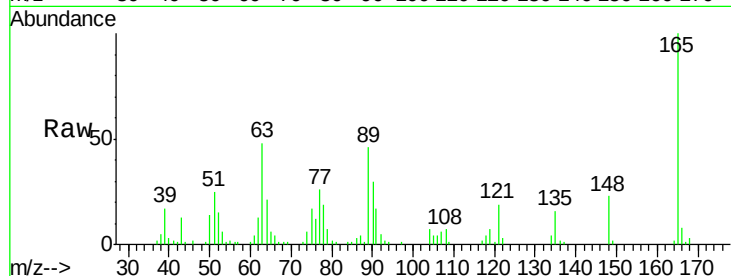


#50
2,6-Dinitrotoluene
Concen: 41.072 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

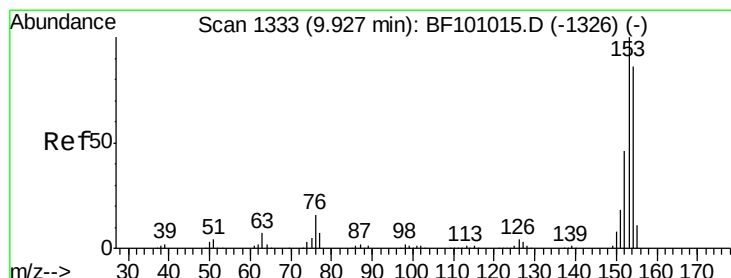
Tot Ion	Ratio	Resp	Lower	Upper
165	100	47592		
63	48.4		44.7	67.1
89	45.7		44.0	66.0

Manual Integrations
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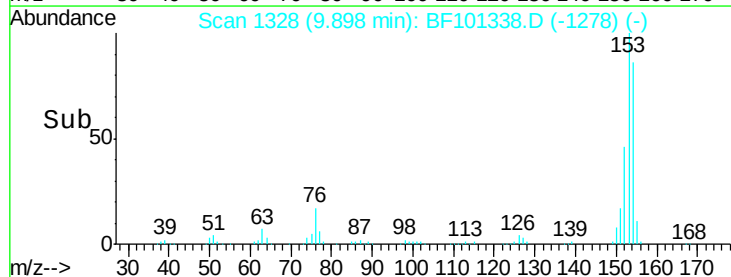
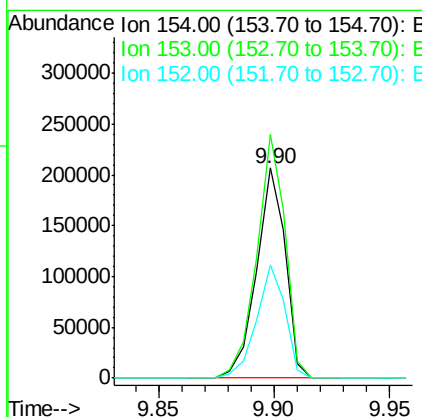
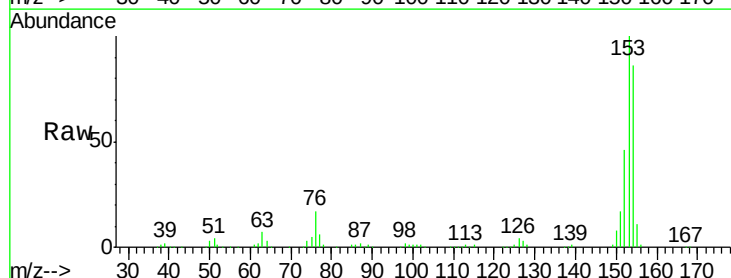
Sohil

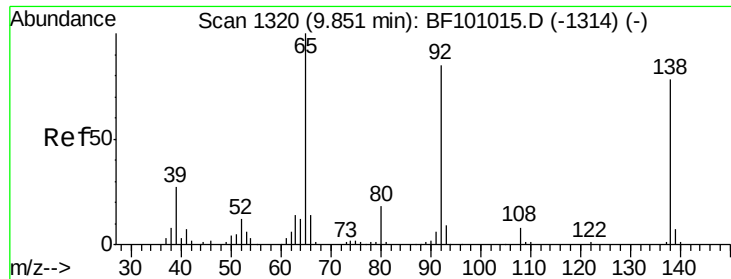
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#51
Acenaphthene
Concen: 41.209 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	179996		
153	115.8		91.2	136.8
152	53.7		43.8	65.8



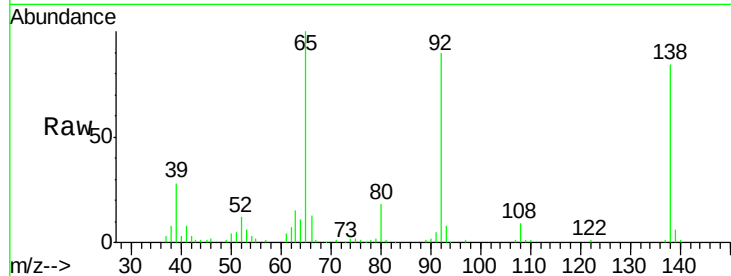


#52
3-Nitroaniline
Concen: 37.275 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.4	14.0
92	106.6	89.4	134.2

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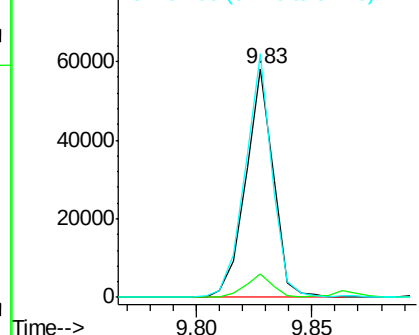


Abundance

Ion 138.00 (137.70 to 138.70): E

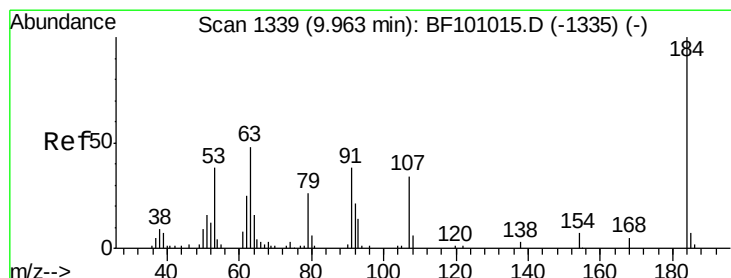
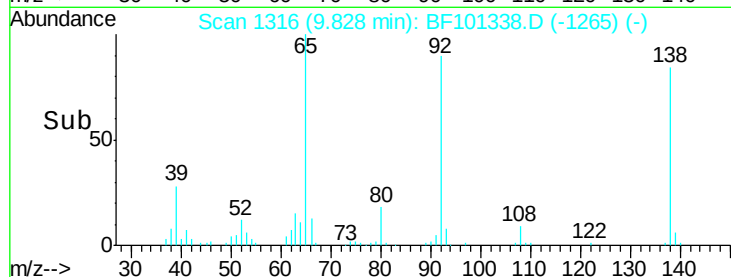
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



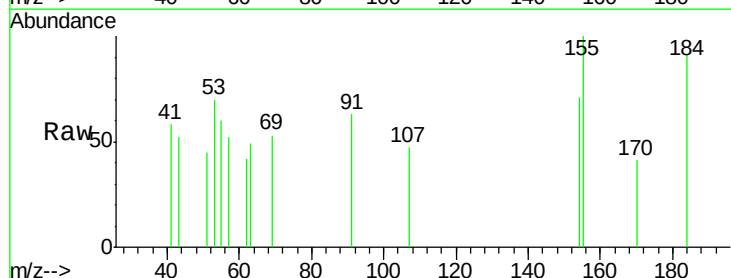
Sohil

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#53
2,4-Dinitrophenol
Concen: 6.401 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.7	54.2	81.2#
154	77.3	184.0	276.0#

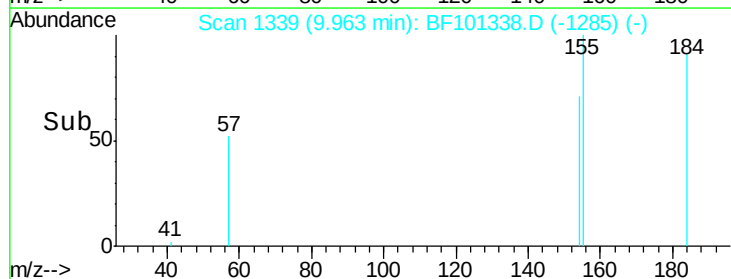
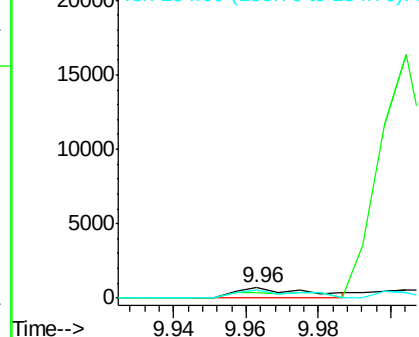


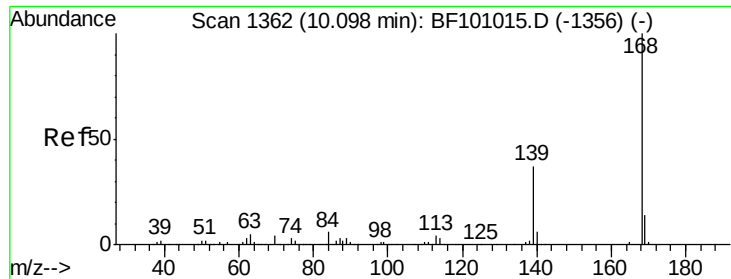
Abundance

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



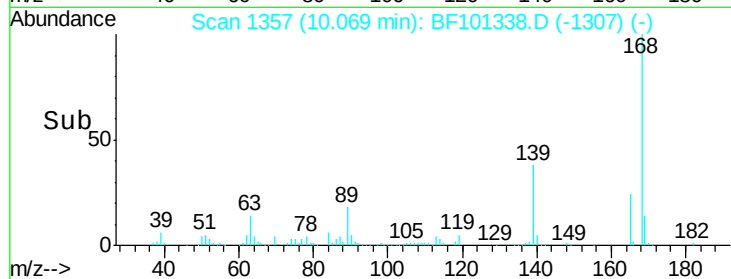
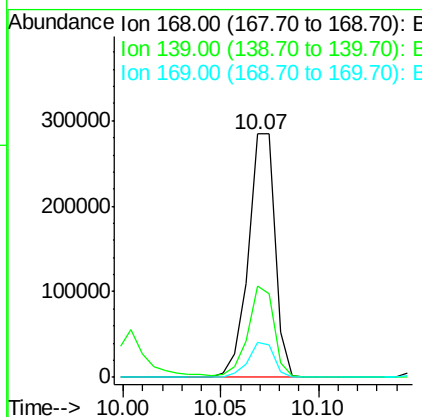
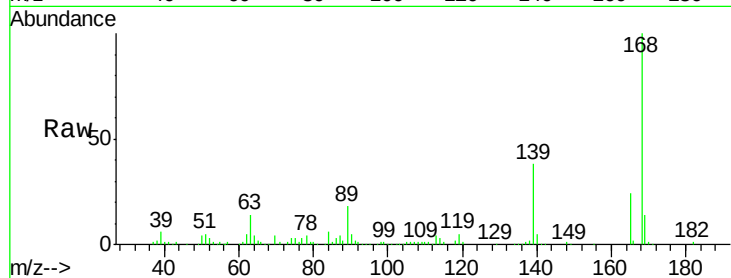


#54
Dibenzofuran
Concen: 43.063 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

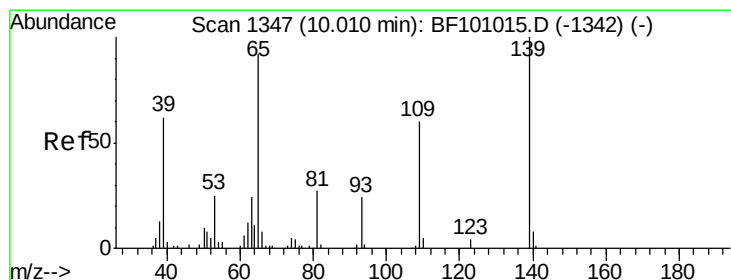
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.1	45.1
169	14.2	10.9	16.3

Manual Integrations
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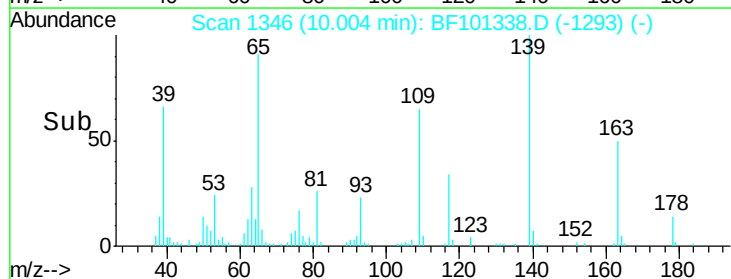
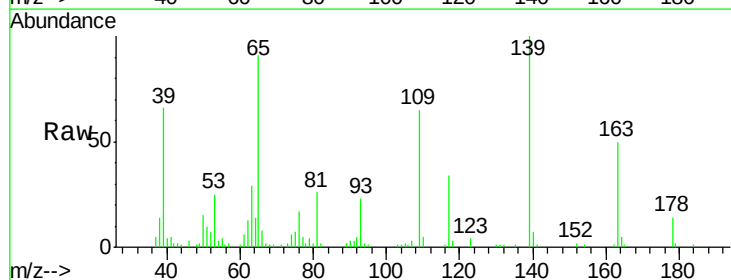
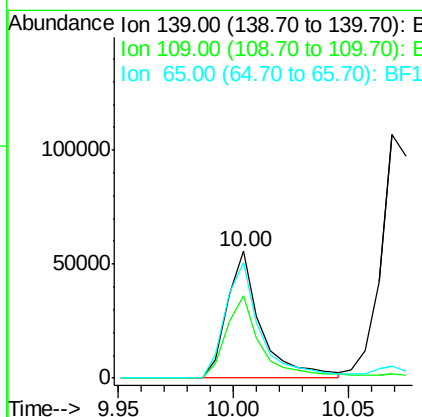
Sohil

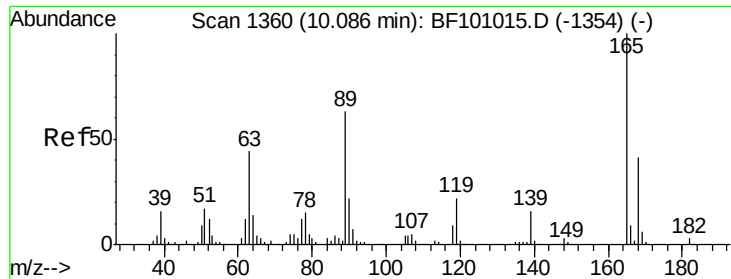
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#55
4-Nitrophenol
Concen: 64.345 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.6	48.4	88.4
65	91.1	72.6	112.6



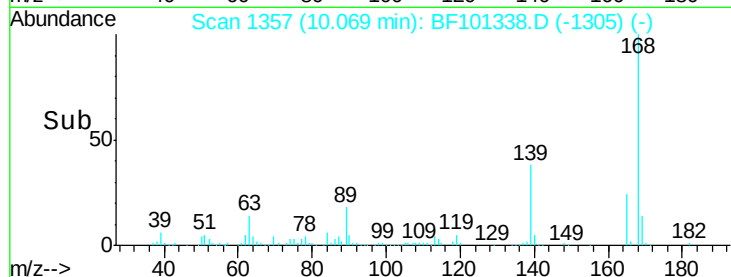
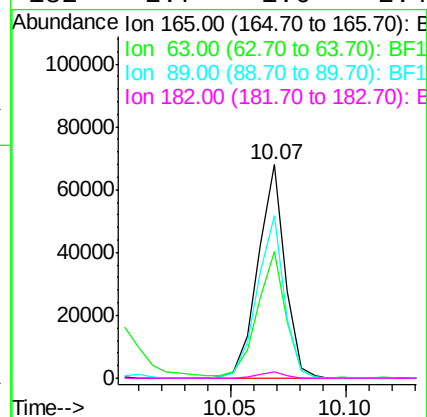
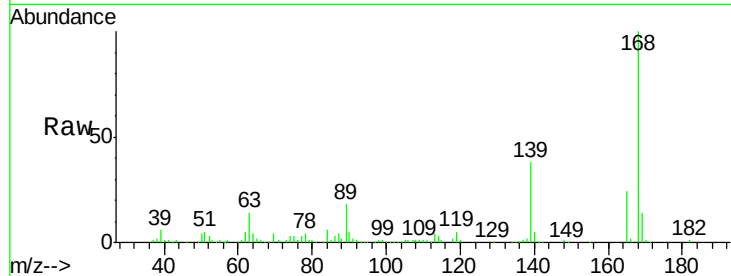


#56
2,4-Dinitrotoluene
Concen: 35.959 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

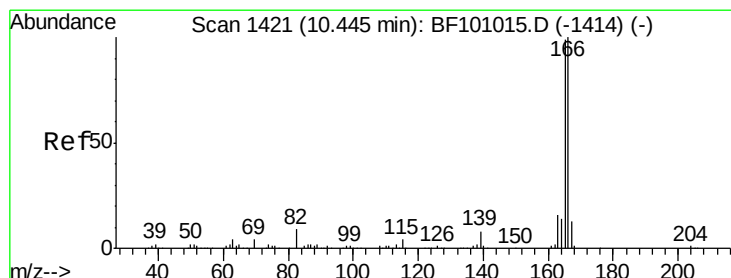
Tot Ion	Ratio	Lower	Upper
165	100		
63	59.2	36.4	54.6#
89	75.9	57.8	86.6
182	2.7	1.6	2.4#

Manual Integrations
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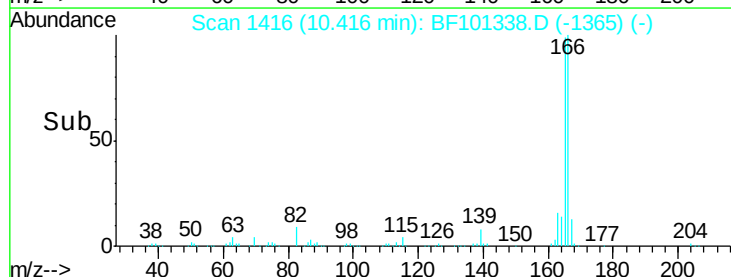
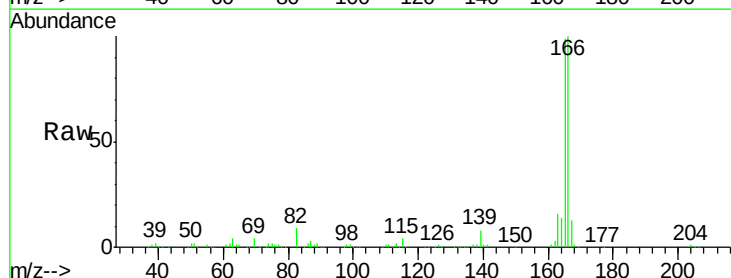
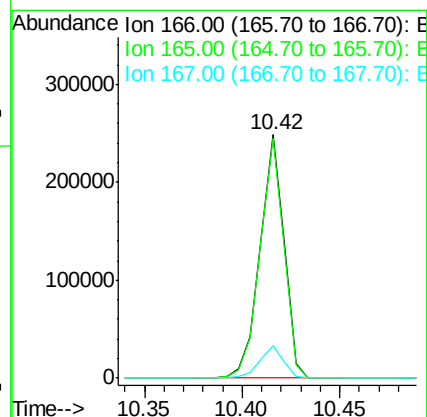
Sohil

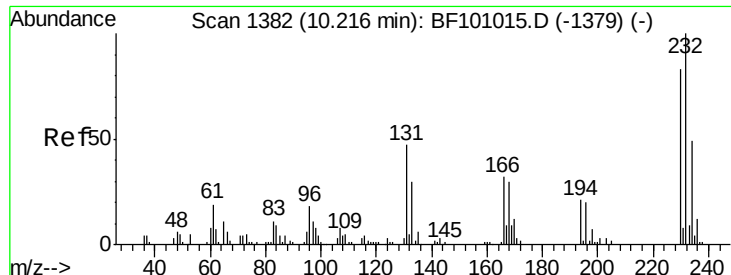
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#57
Fluorene
Concen: 41.316 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.8	119.8
167	13.5	10.6	16.0



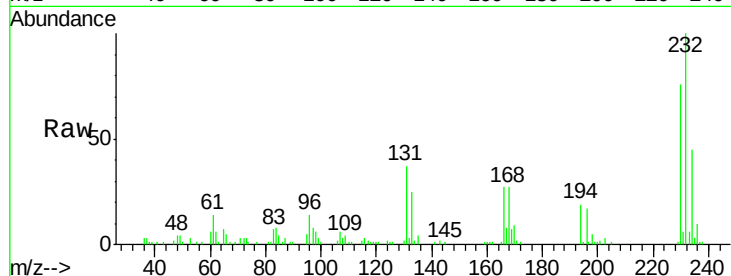


#58
2,3,4,6-Tetrachlorophenol
Concen: 41.581 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		51707		
131	41.7	43.8	65.8#		
130	1.9	2.1	3.1#		
166	29.5	27.8	41.6		

Manual Integrations
APPROVED



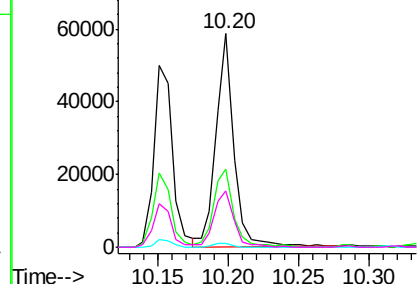
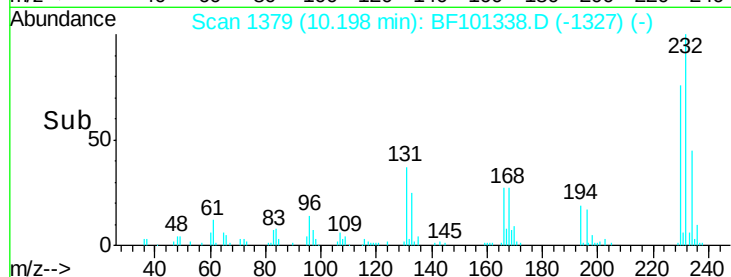
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

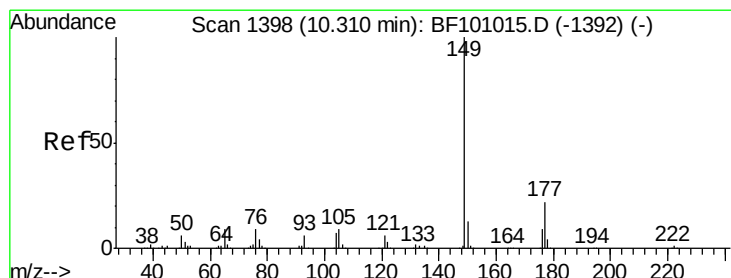
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



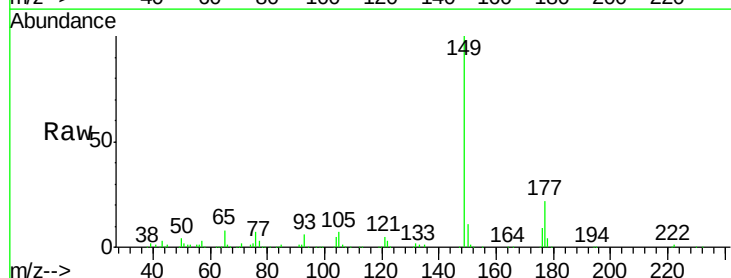
Sohil

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#59
Diethylphthalate
Concen: 43.463 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		235847		
177	22.3	16.1	24.1		
150	11.4	10.1	15.1		

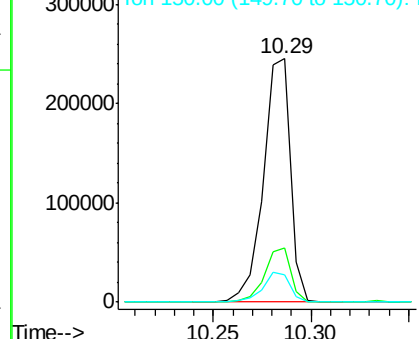
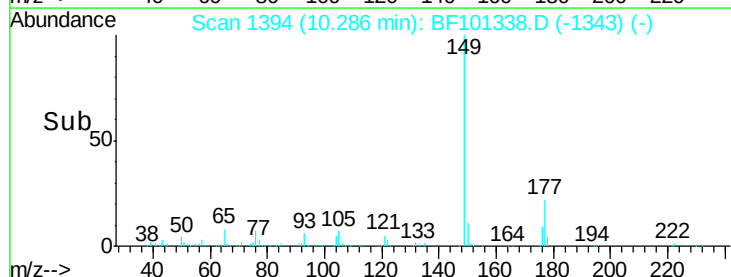


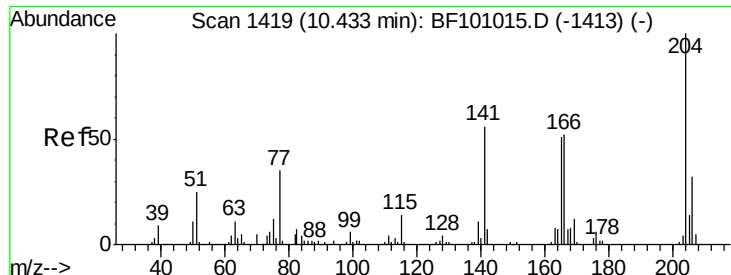
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



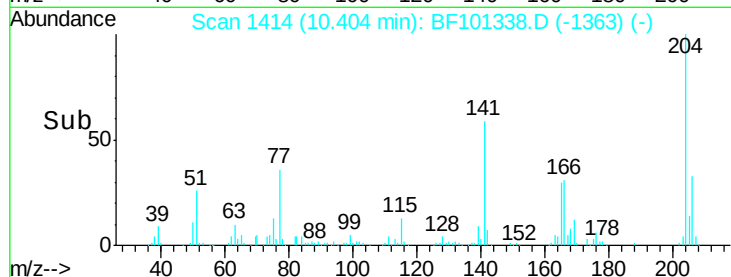
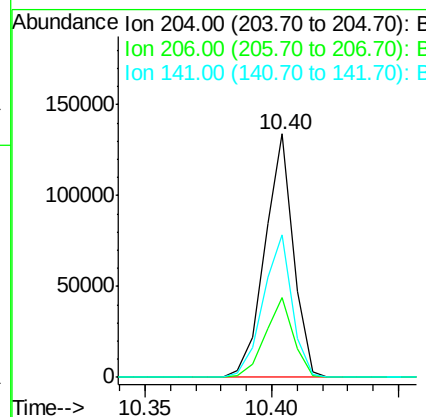
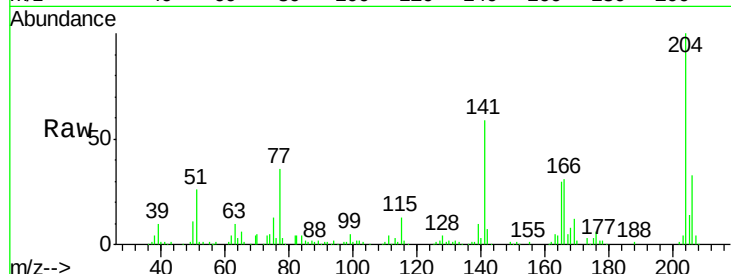


#60
4-Chlorophenyl-phenylether
Concen: 41.299 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

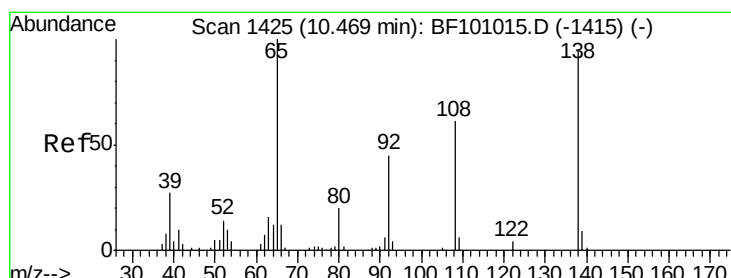
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	58.7	54.6	81.8

Manual Integrations
APPROVED



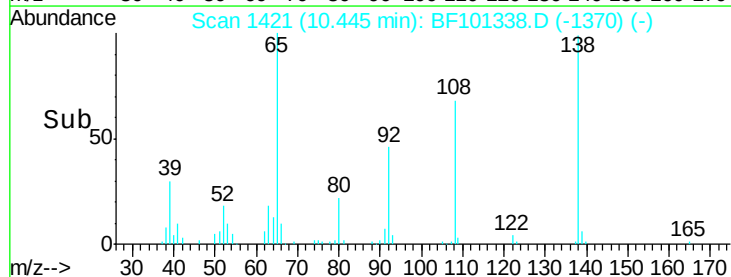
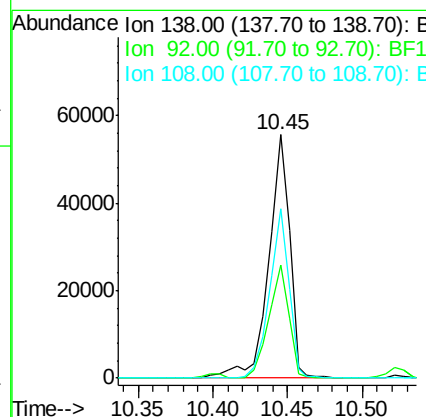
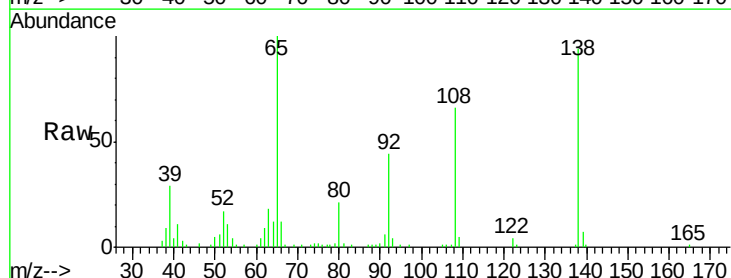
Sohil

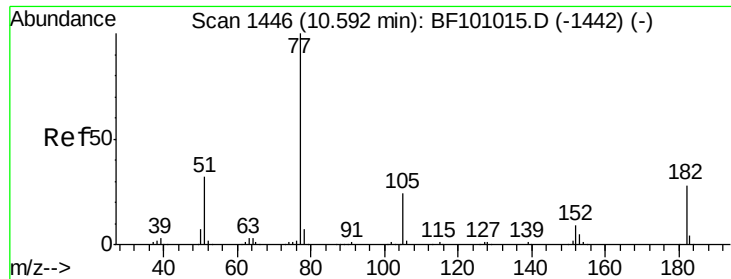
12/13/2017 12:07:44 PM



#61
4-Nitroaniline
Concen: 39.908 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.5	30.2	70.2
108	69.7	52.5	92.5





#62

Azobenzene

Concen: 40.728 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Instrument :

BNA_F

ClientSampleId :

SB-1(13-15)MS

Tot Ion: 77 Resp: 187556

Ion Ratio Lower Upper

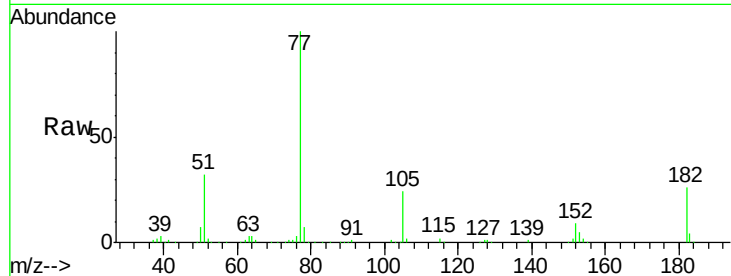
77 100

182 26.3 1.7 41.7

105 23.9 3.0 43.0

51 32.4 9.9 49.9

Manual Integrations
APPROVED

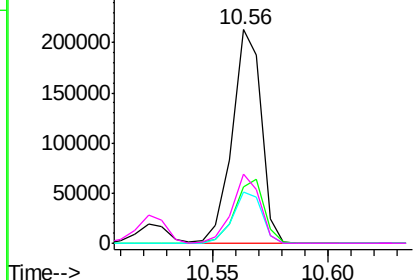
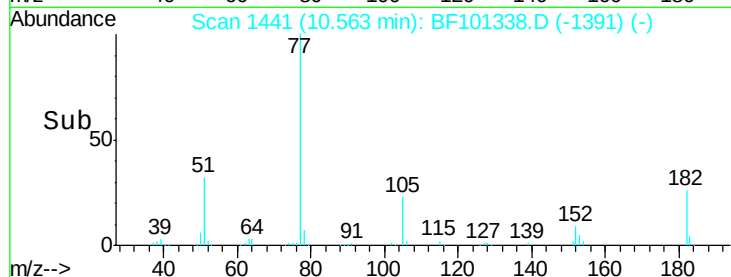


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

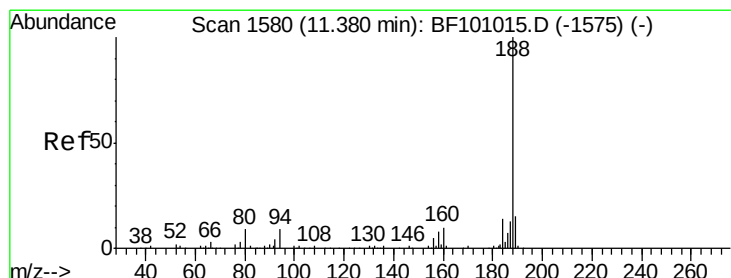
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



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#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

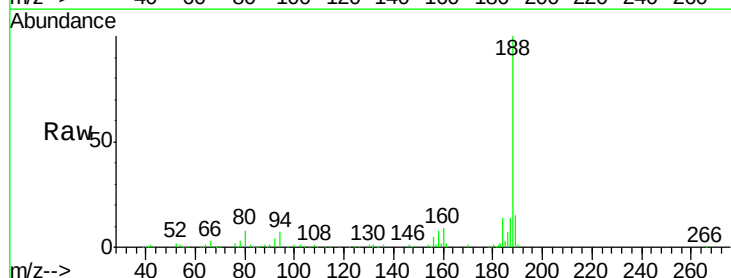
Tgt Ion: 188 Resp: 123301

Ion Ratio Lower Upper

188 100

94 7.4 8.5 12.7#

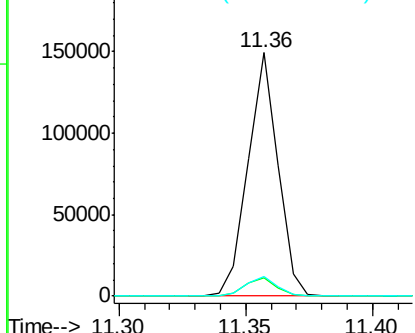
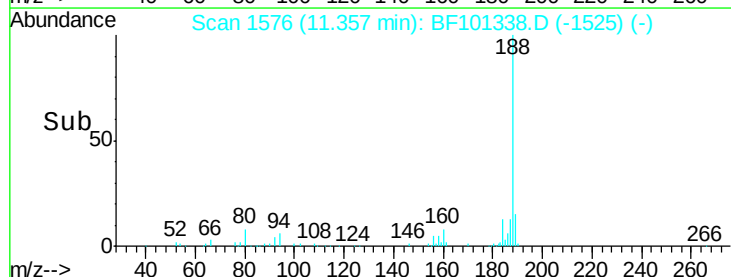
80 8.0 9.2 13.8#

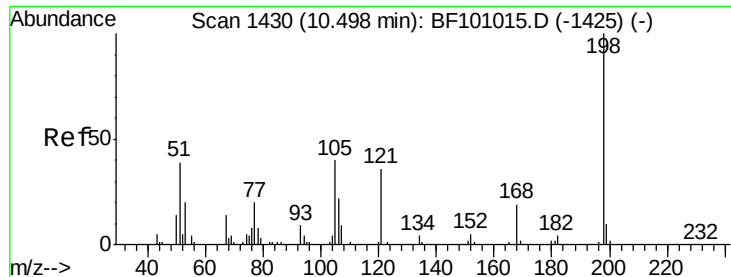


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 6.316 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Instrument :

BNA_F

ClientSampleId :

SB-1(13-15)MS

Tot Ion:198 Resp: 5223

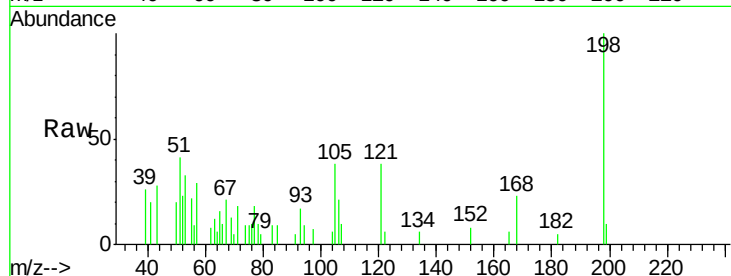
Ion Ratio Lower Upper

198 100

51 40.8 37.7 77.7

105 38.4 36.3 76.3

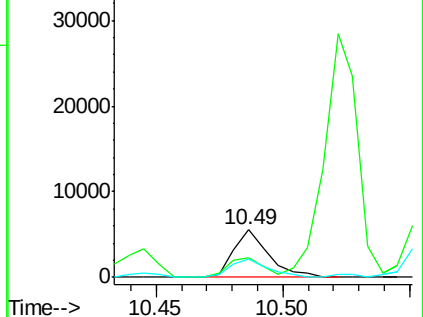
Manual Integrations
APPROVED



Abundance Ion 198.00 (197.70 to 198.70): E

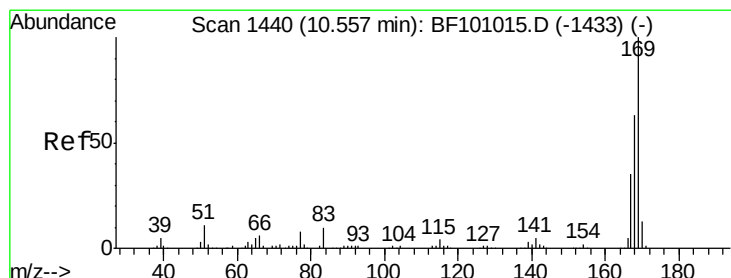
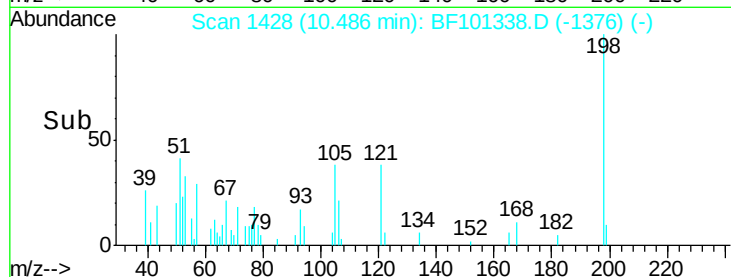
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



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#65

n-Nitrosodiphenylamine

Concen: 45.008 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

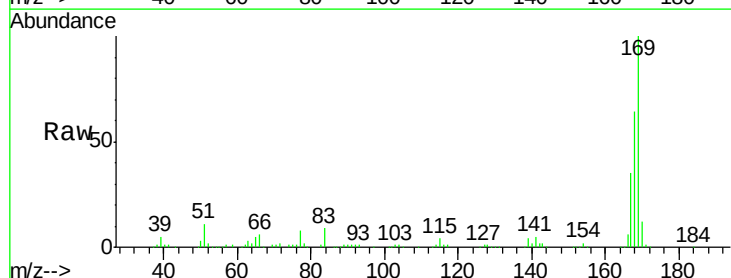
Tgt Ion:169 Resp: 195782

Ion Ratio Lower Upper

169 100

168 64.2 54.4 81.6

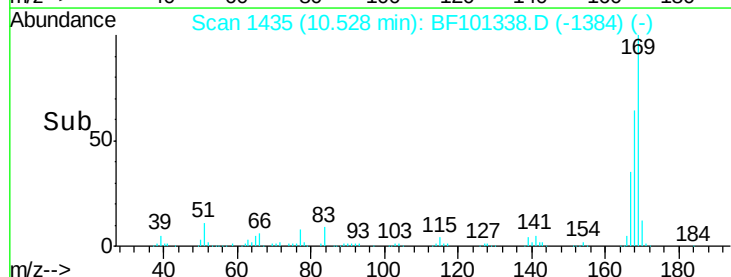
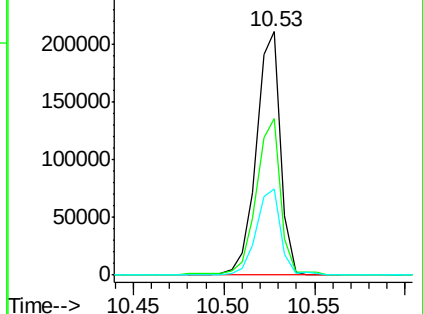
167 35.4 29.8 44.6

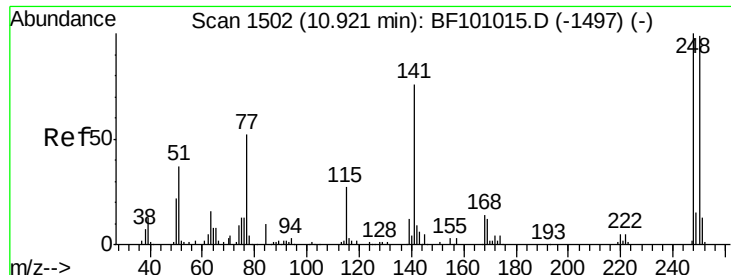


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



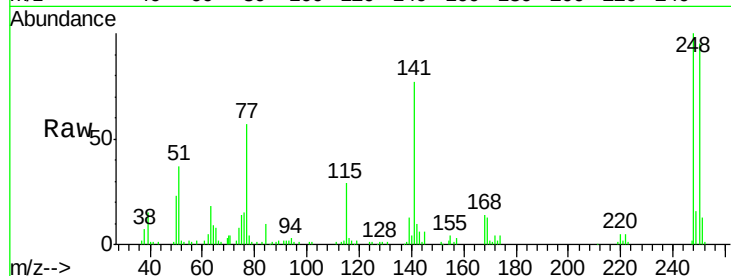


#66
4-Bromophenyl-phenylether
Concen: 45.435 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

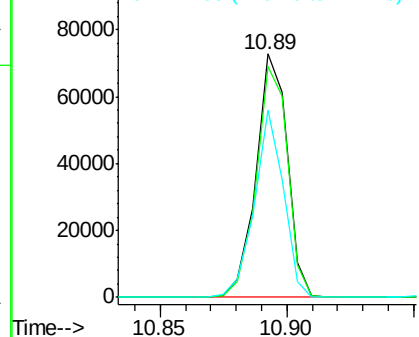
Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.8	76.9	115.3
141	76.7	74.4	111.6

Manual Integrations
APPROVED

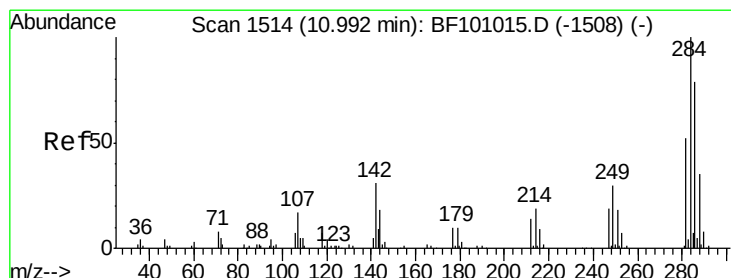
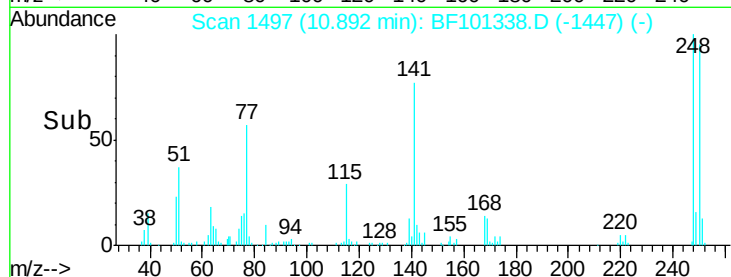


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



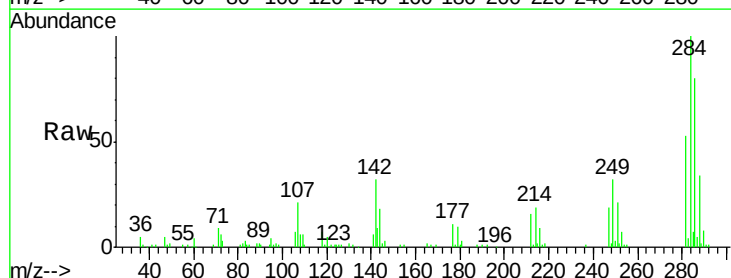
Sohil

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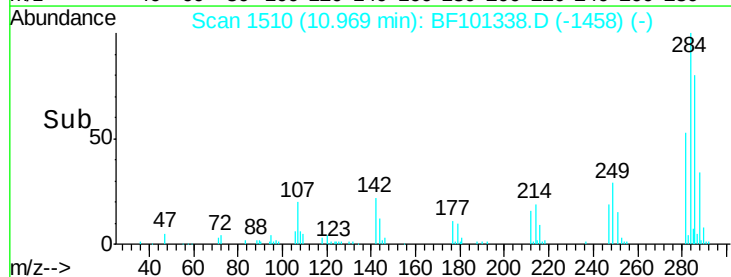
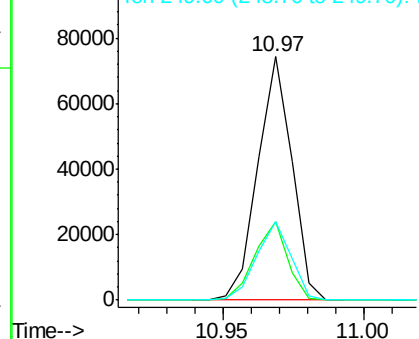


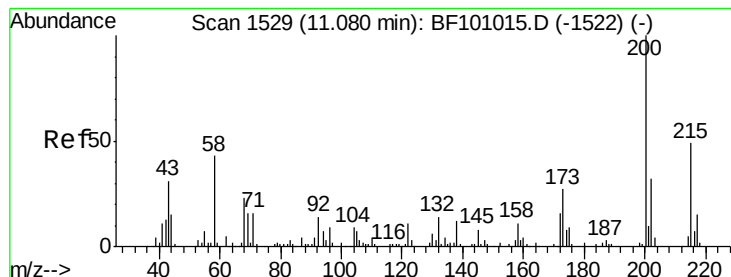
#67
Hexachlorobenzene
Concen: 42.193 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	34.6	52.0#
249	32.4	24.8	37.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 41.449 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Instrument :

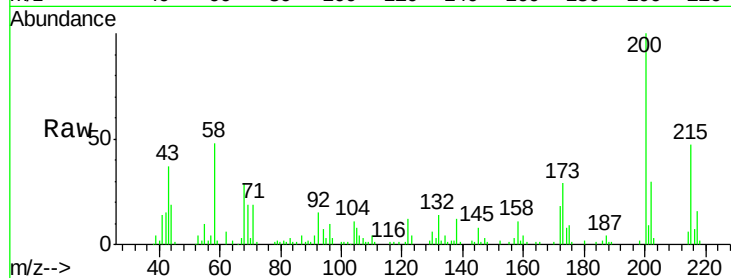
BNA_F

ClientSampleId :

SB-1(13-15)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.3	8.6	48.6
215	47.1	25.1	65.1

Manual Integrations
APPROVED

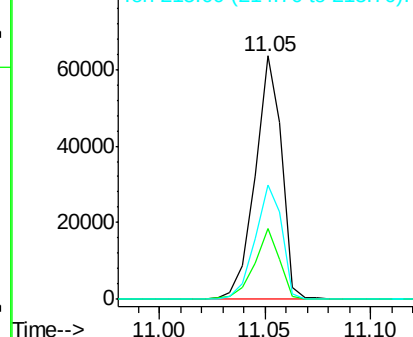


Abundance

Ion 200.00 (199.70 to 200.70): E

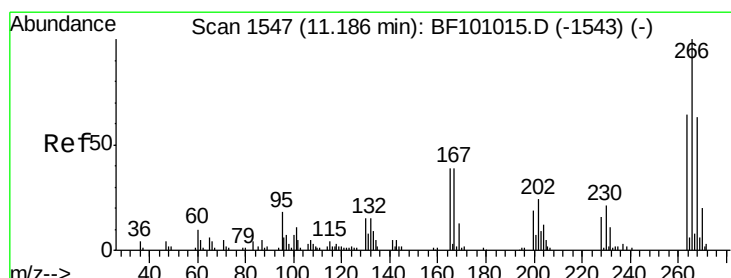
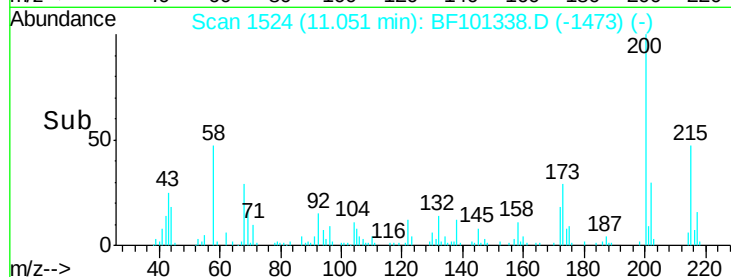
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



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#69

Pentachlorophenol

Concen: 52.374 ng

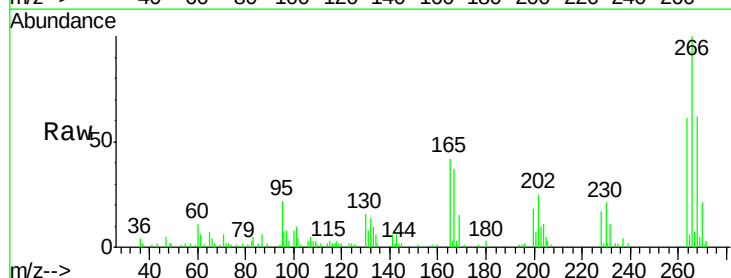
RT: 11.17 min Scan# 1544

Delta R.T. 0.01 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	60.6	49.5	74.3

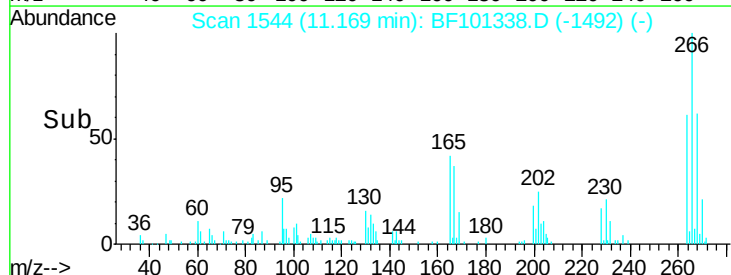
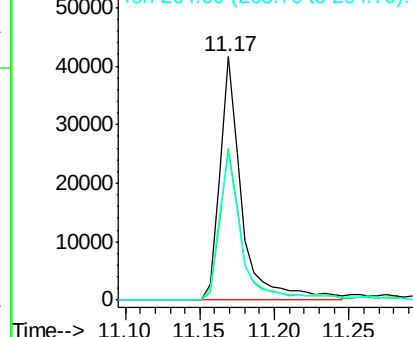


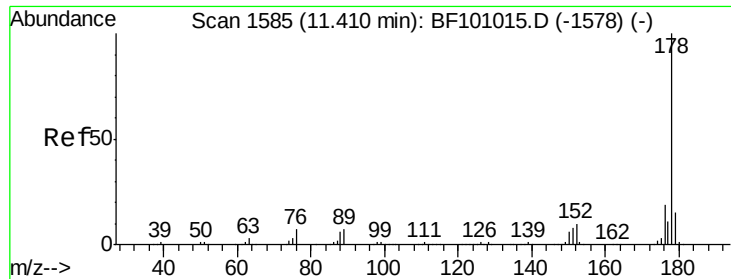
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



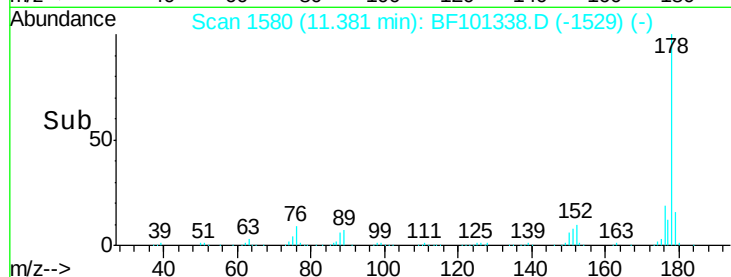
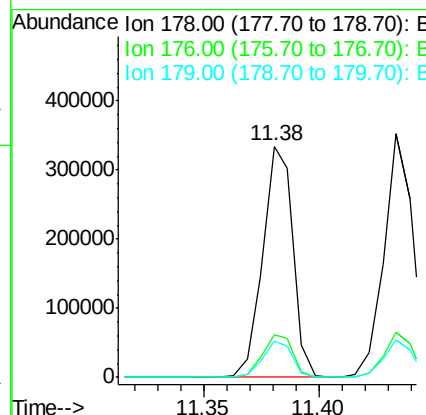
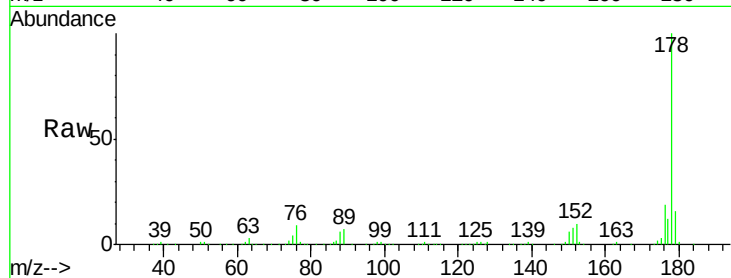


#70
Phenanthrene
Concen: 44.812 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

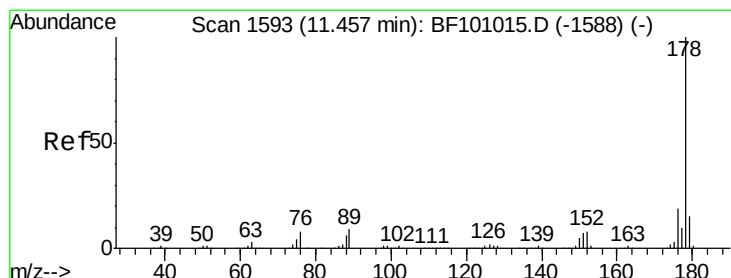
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.8	13.0	19.6

Manual Integrations
APPROVED



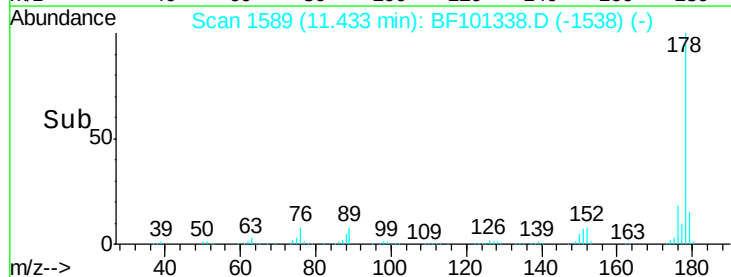
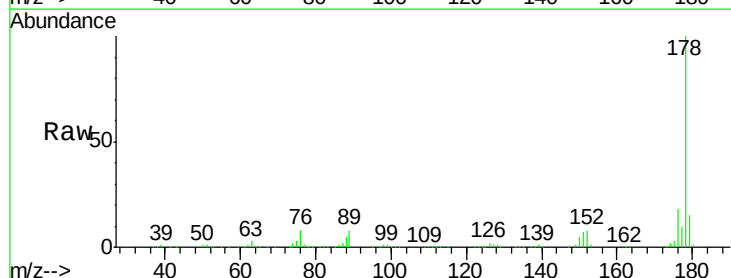
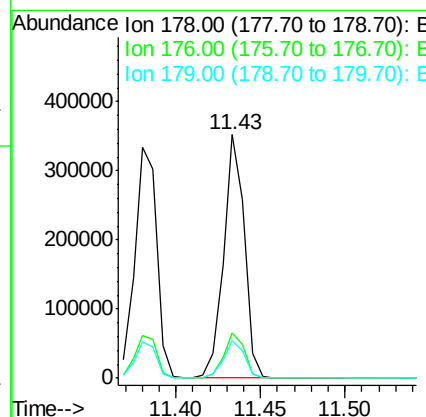
Sohil

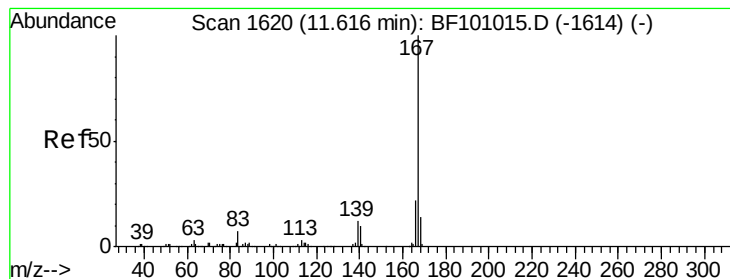
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#71
Anthracene
Concen: 43.948 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.2	12.6	19.0





#72

Carbazole

Concen: 42.551 ng

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Instrument :

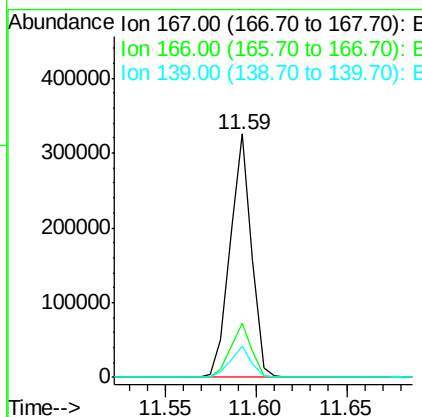
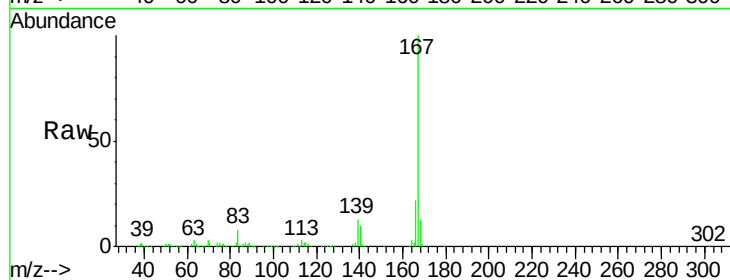
BNA_F

ClientSampleId :

SB-1(13-15)MS

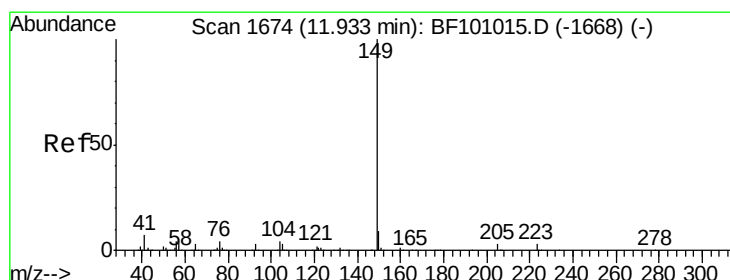
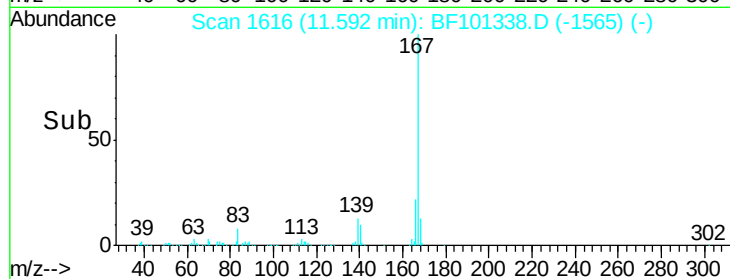
Tot Ion:	167	Resp:	267173
Ion Ratio	Lower	Upper	
167	100		
166	22.4	17.6	26.4
139	12.8	10.9	16.3

Manual Integrations
APPROVED



Sohil

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#73

Di-n-butylphthalate

Concen: 43.857 ng

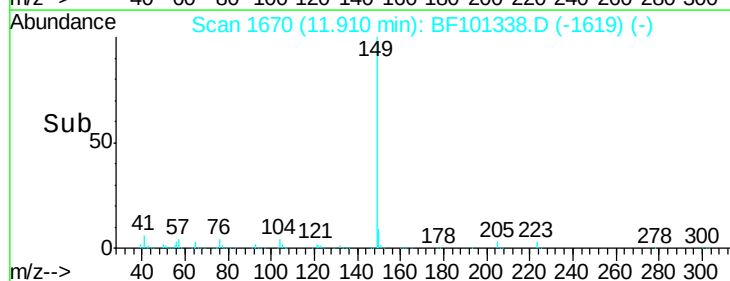
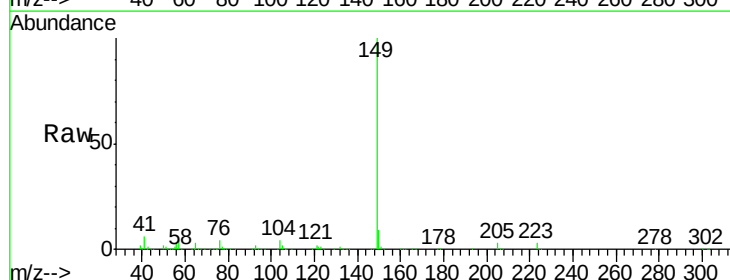
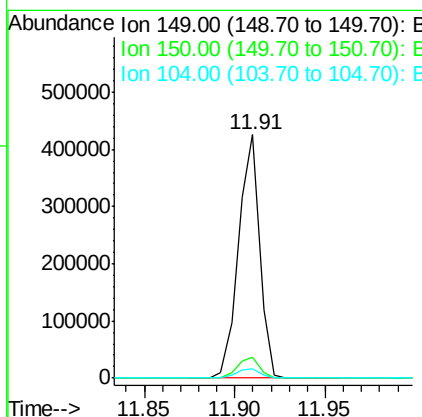
RT: 11.91 min Scan# 1670

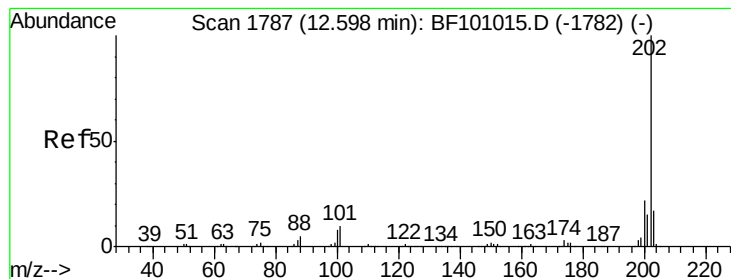
Delta R.T. 0.00 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Tgt Ion:	149	Resp:	345158
Ion Ratio	Lower	Upper	
149	100		
150	8.7	7.8	11.6
104	4.0	3.8	5.8





#74

Fluoranthene

Concen: 44.487 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Instrument :

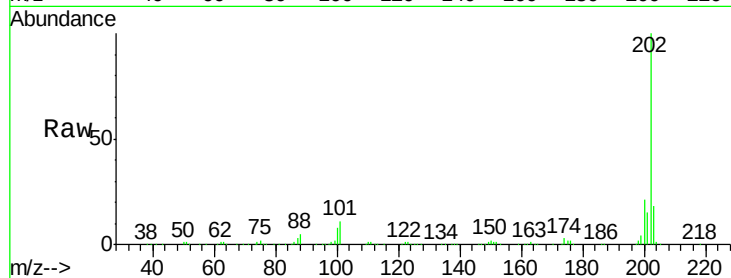
BNA_F

ClientSampleId :

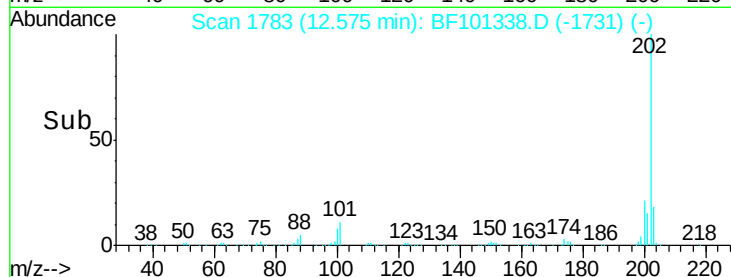
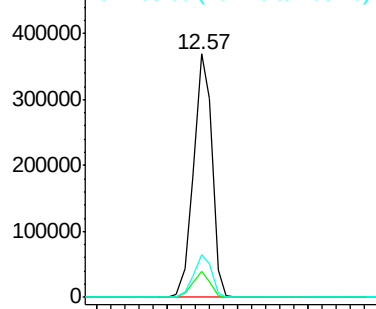
SB-1(13-15)MS

Tot Ion:	202	Resp:	334846
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	34.1
203	17.5	0.0	38.1

Manual Integrations
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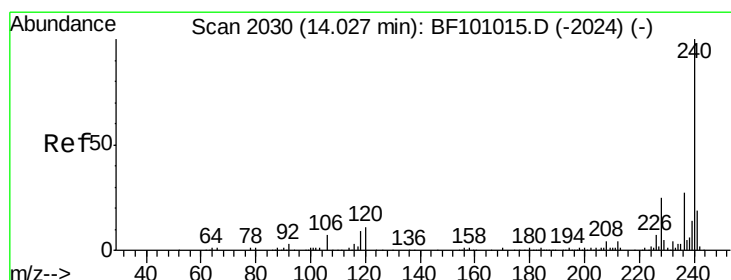


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



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#75

Chrysene-d12

Concen: 20.000 ng

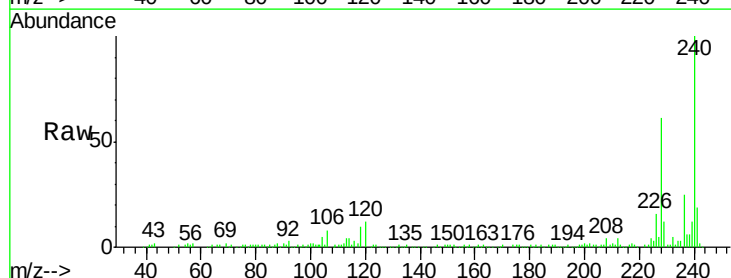
RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

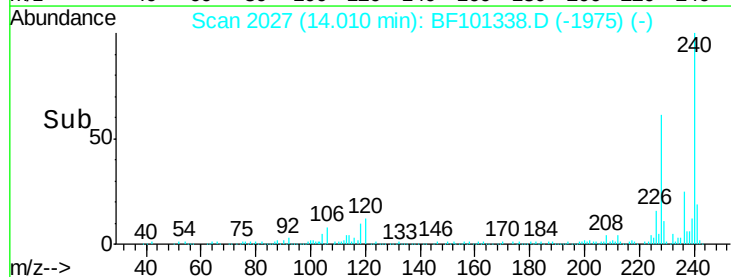
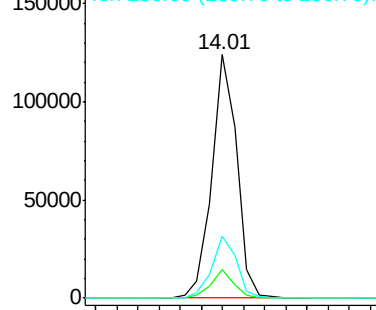
Lab File: BF101338.D

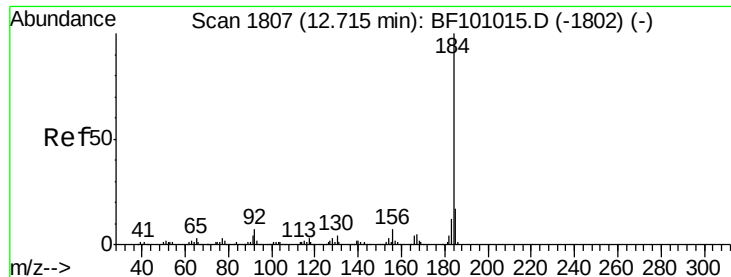
Acq: 12 Dec 2017 19:05

Tgt Ion:	240	Resp:	100827
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.5	14.3
236	25.2	20.7	31.1



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



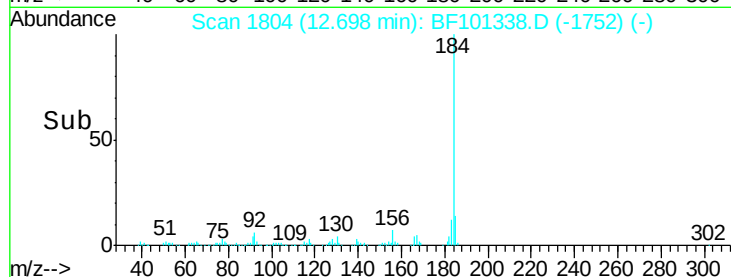
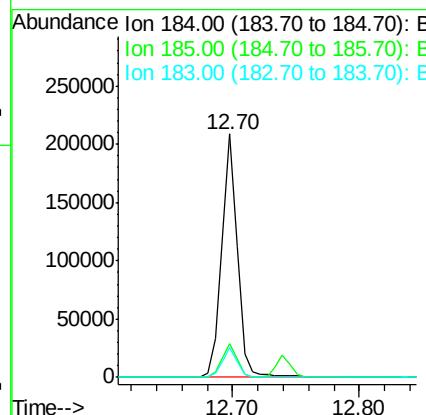
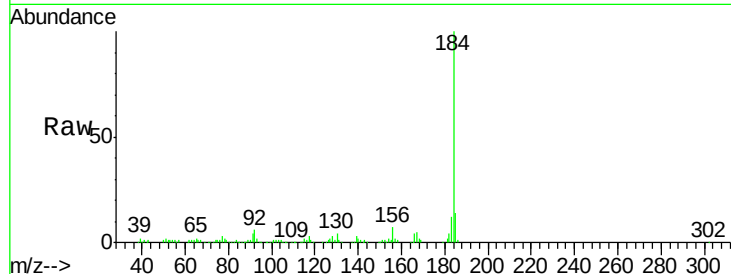


#76
Benzidine
Concen: 56.594 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

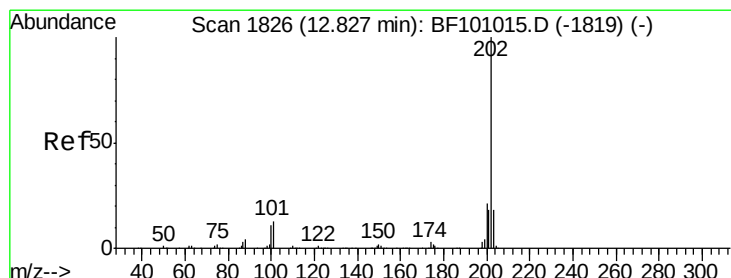
Tot Ion:	184	Resp:	185554
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.6	18.8
183	12.2	9.3	13.9

Manual Integrations
APPROVED



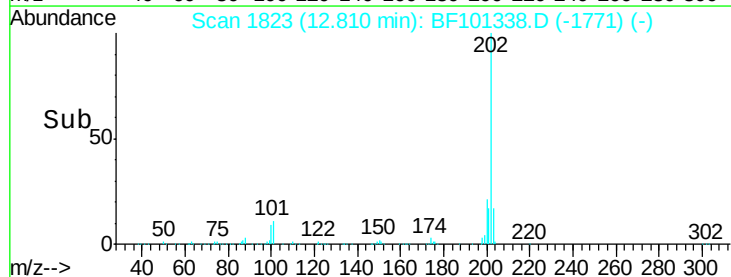
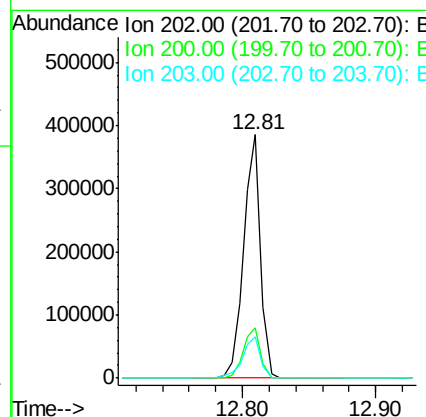
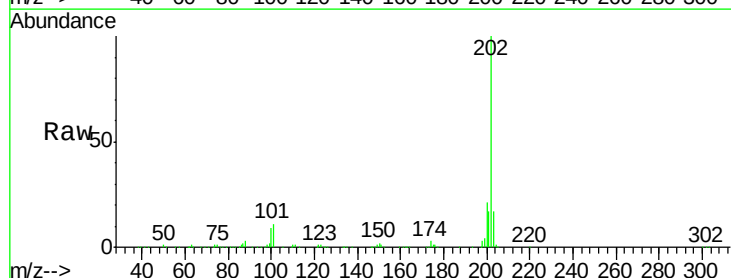
Sohil

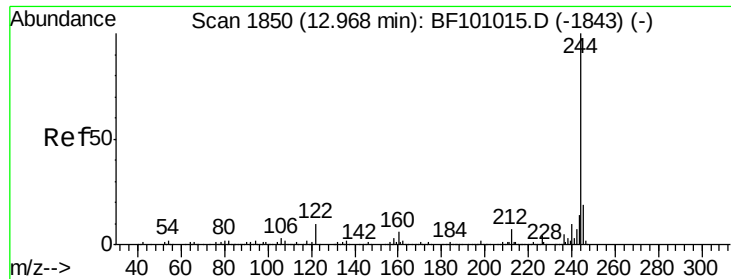
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#77
Pyrene
Concen: 48.467 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion:	202	Resp:	337202
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	17.1	14.3	21.5





#78

Terphenyl-d14

Concen: 102.320 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Instrument :

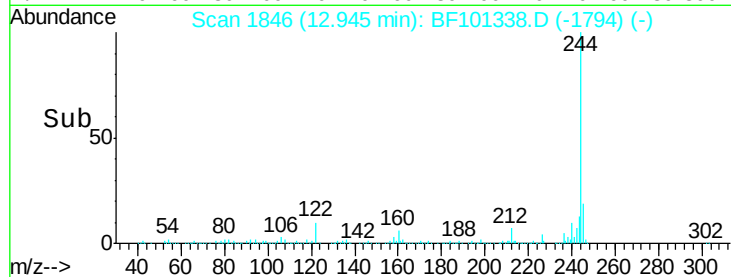
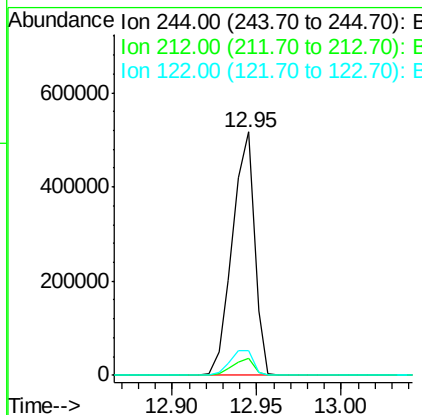
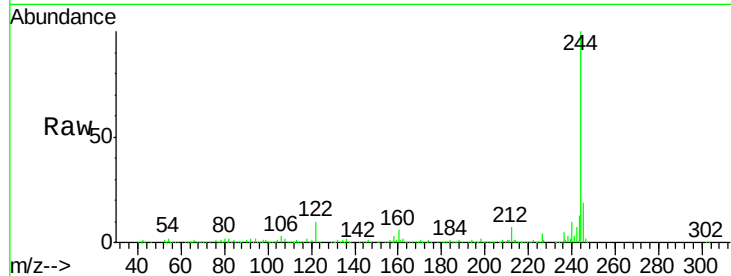
BNA_F

ClientSampled :

SB-1(13-15)MS

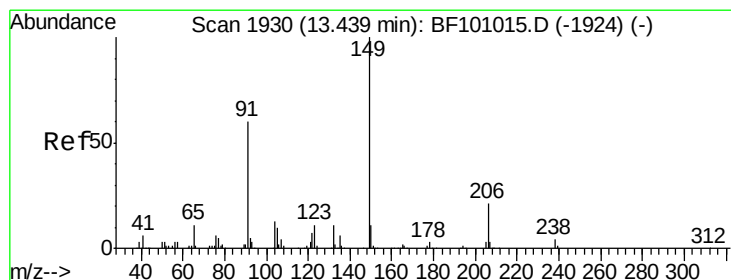
Tot Ion:	244	Resp:	471670
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.0	11.0	16.4

Manual Integrations
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Sohil

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#79

Butylbenzylphthalate

Concen: 45.786 ng

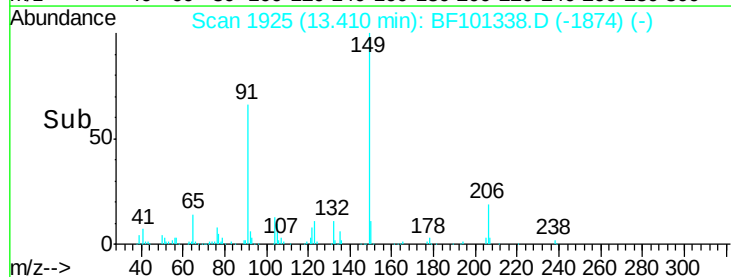
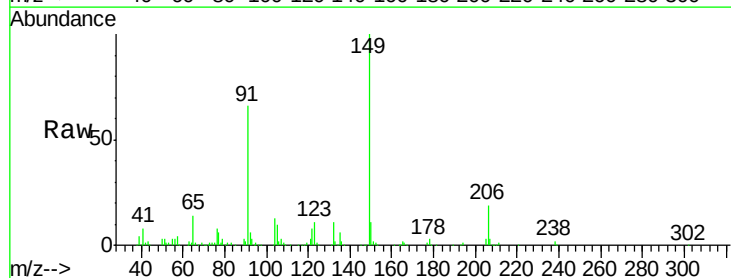
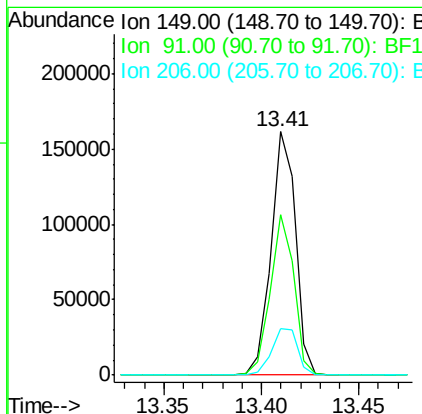
RT: 13.41 min Scan# 1925

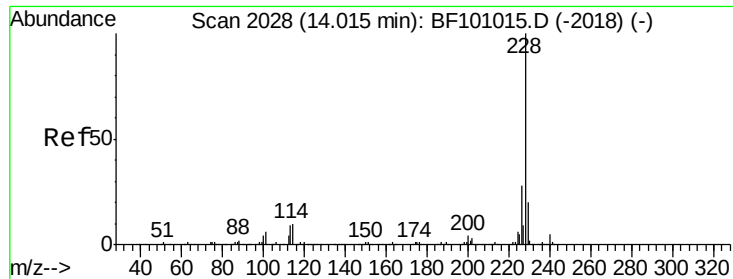
Delta R.T. 0.00 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Tgt Ion:	149	Resp:	140447
Ion Ratio		Lower	Upper
149	100		
91	65.8	56.8	85.2
206	19.1	14.1	21.1



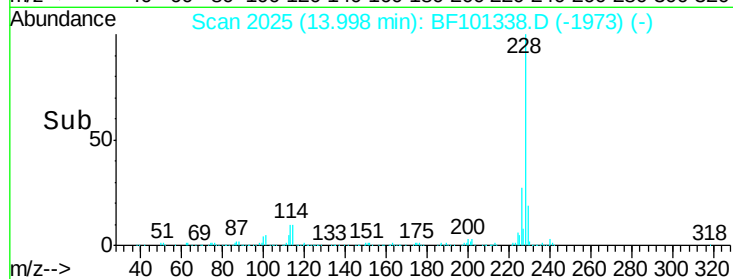
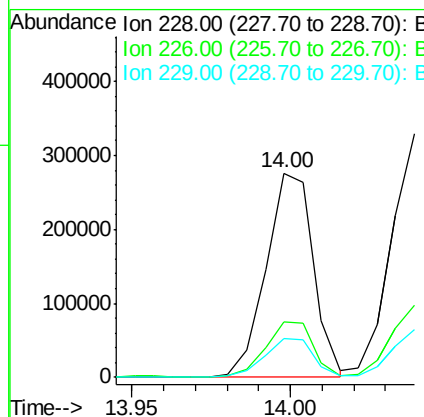
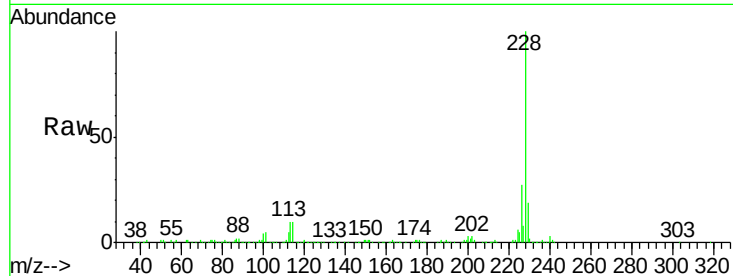


#80
Benzo(a)anthracene
Concen: 45.002 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

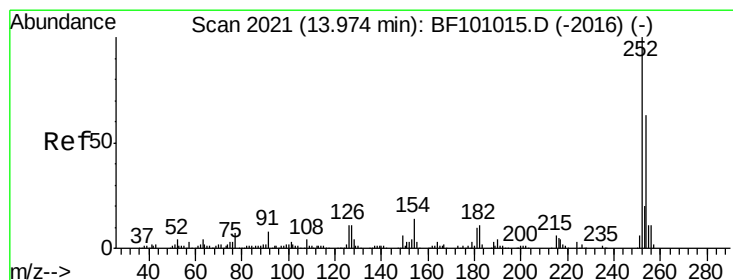
Tot Ion:	228	Resp:	286483
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.6	33.8
229	18.8	15.8	23.6

Manual Integrations
APPROVED



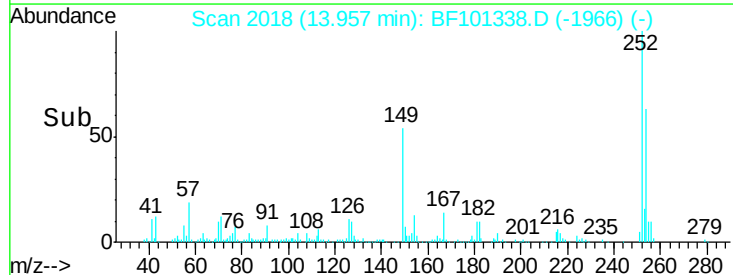
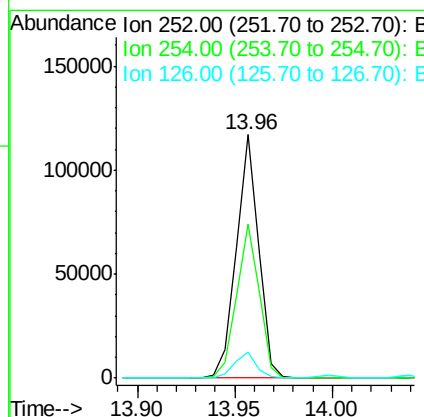
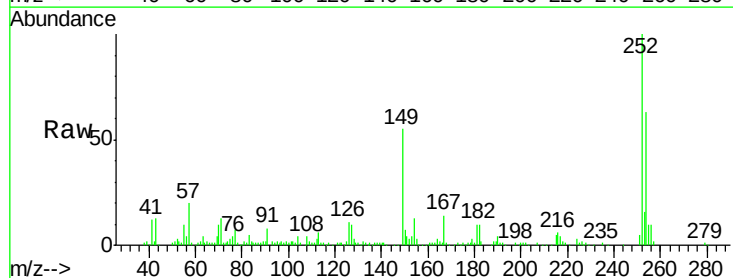
Sohil

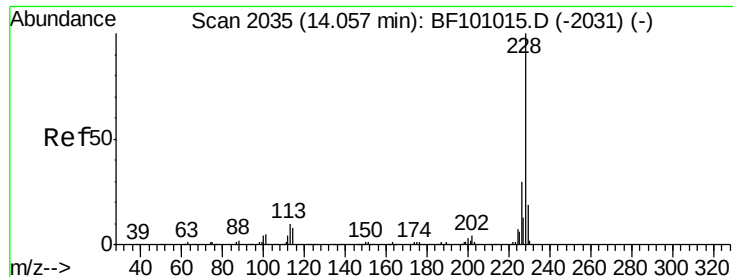
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#81
3,3'-Dichlorobenzidine
Concen: 42.173 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion:	252	Resp:	92980
Ion Ratio	Lower	Upper	
252	100		
254	63.2	50.4	75.6
126	10.7	11.3	16.9#



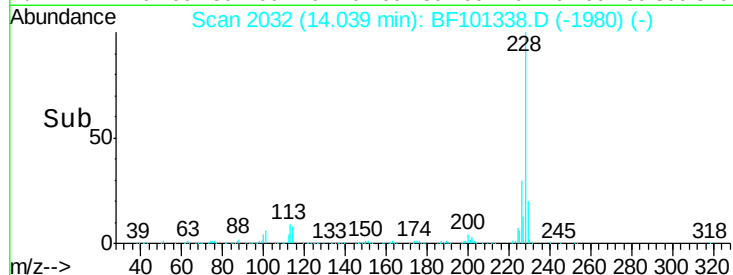
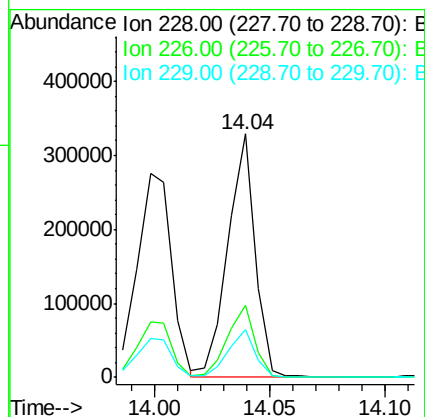
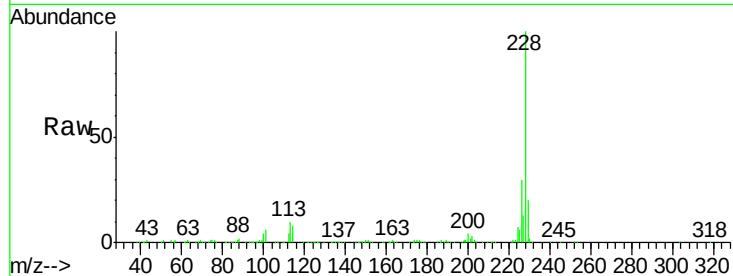


#82
Chrysene
Concen: 45.491 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

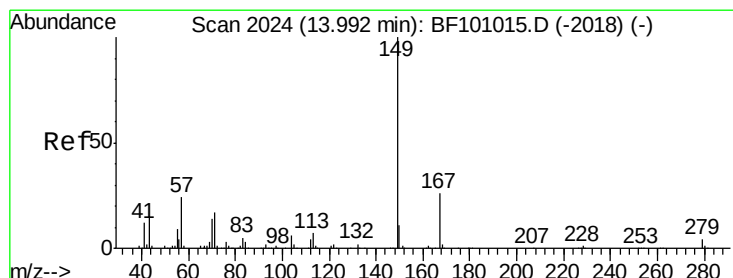
Tot Ion:	228	Resp:	268957
Ion Ratio		Lower	Upper
228	100		
226	29.6	25.0	37.6
229	19.9	16.2	24.4

Manual Integrations
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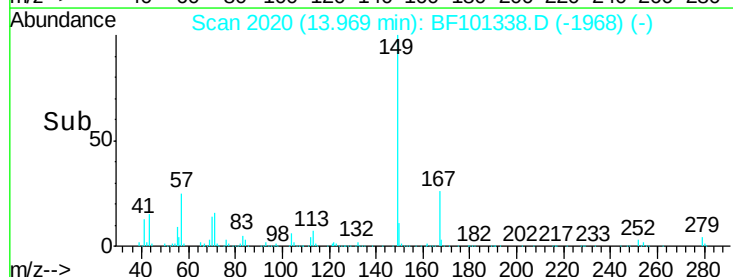
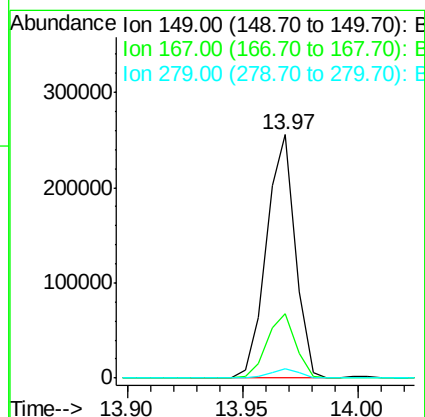
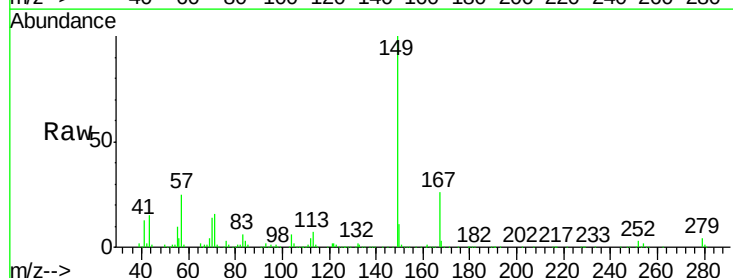
Sohil

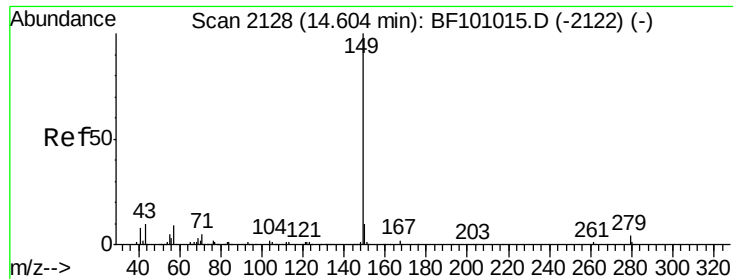
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#83
Bis(2-ethylhexyl)phthalate
Concen: 50.451 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion:	149	Resp:	220655
Ion Ratio		Lower	Upper
149	100		
167	26.4	21.3	31.9
279	4.0	3.0	4.4



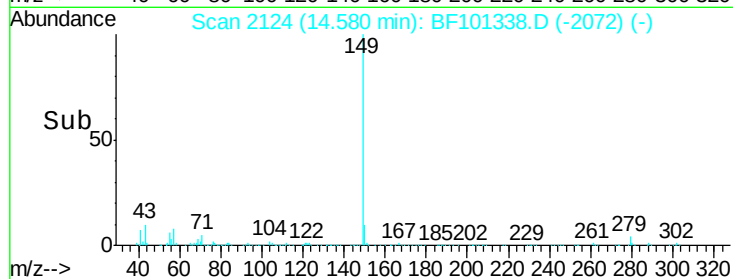
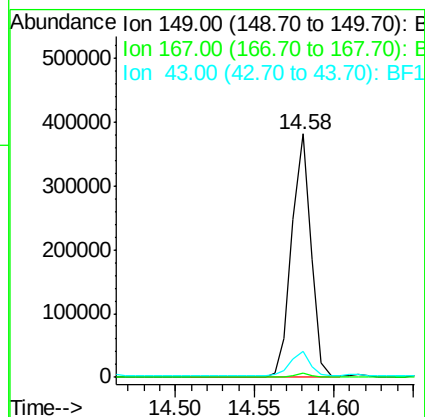
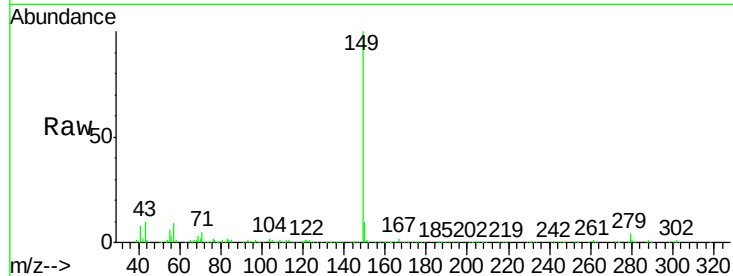


#84
Di-n-octyl phthalate
Concen: 43.955 ng
RT: 14.58 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

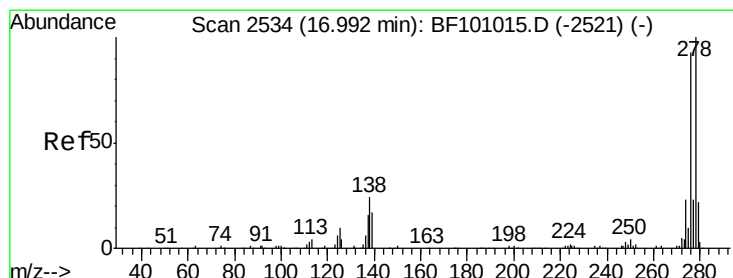
Tot Ion:	149	Resp:	320092
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.5	8.4	12.6

Manual Integrations
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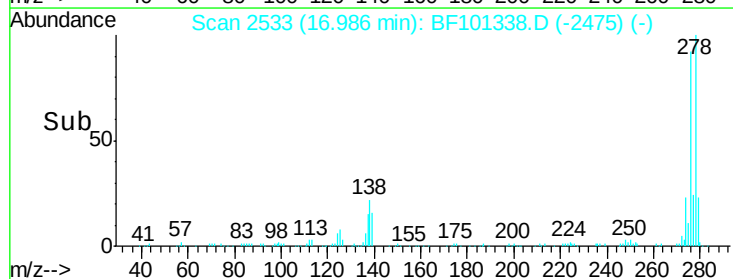
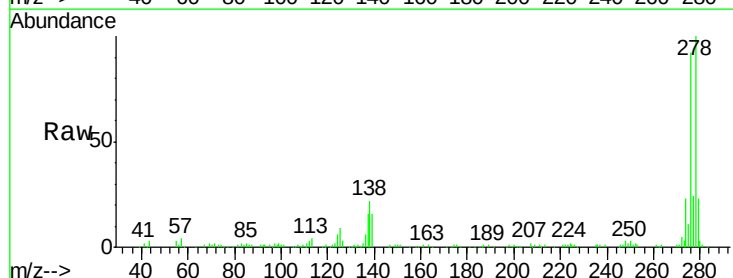
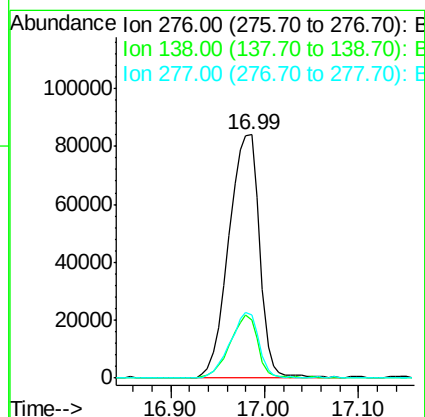
Sohil

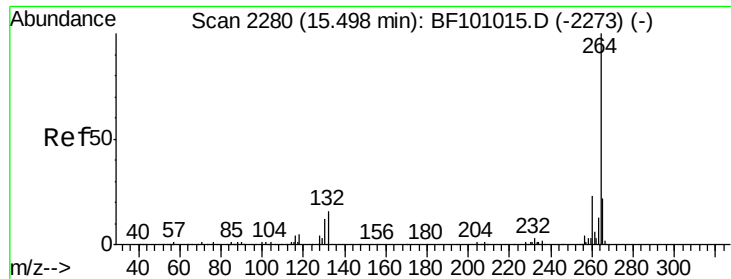
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#85
Indeno(1,2,3-cd)pyrene
Concen: 36.491 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.04 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion:	276	Resp:	191807
Ion Ratio	Lower	Upper	
276	100		
138	23.6	25.0	37.6#
277	25.3	20.1	30.1



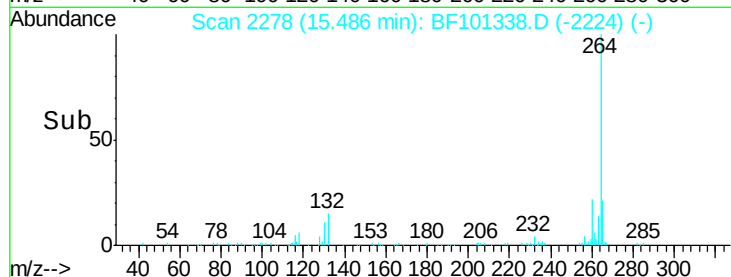
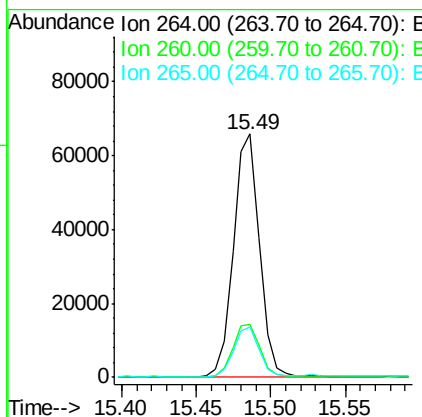
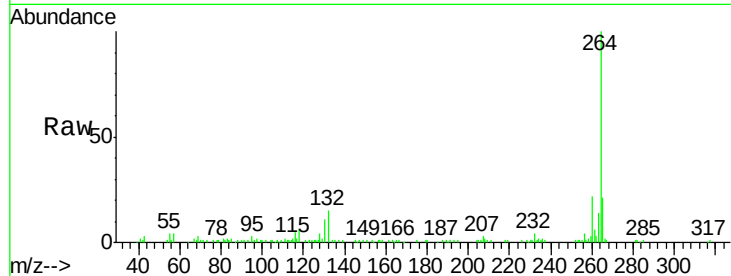


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

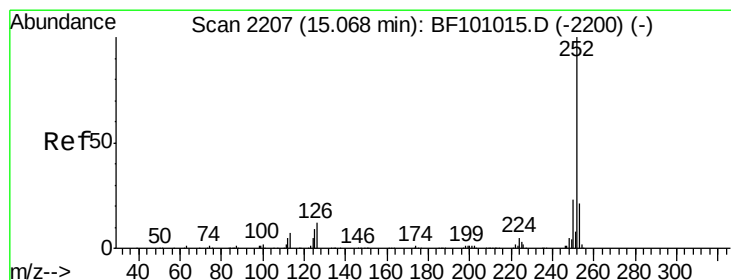
Tot Ion:	264	Resp:	80475
Ion Ratio	Lower	Upper	
264	100		
260	21.9	19.2	28.8
265	20.8	17.5	26.3

Manual Integrations
APPROVED



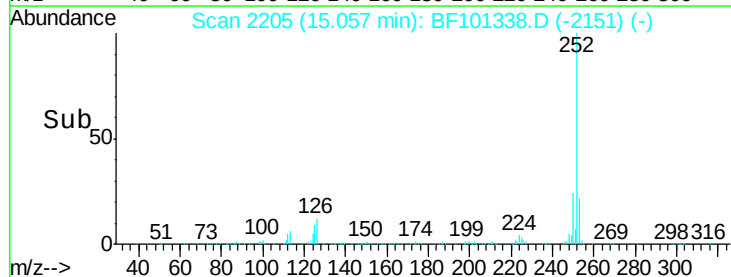
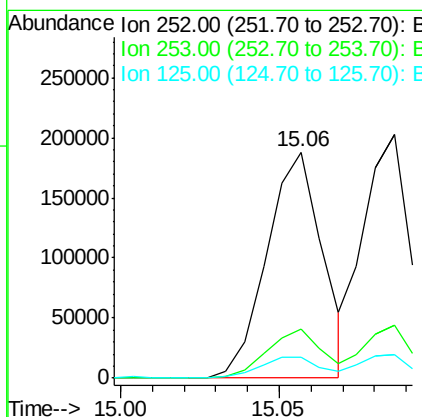
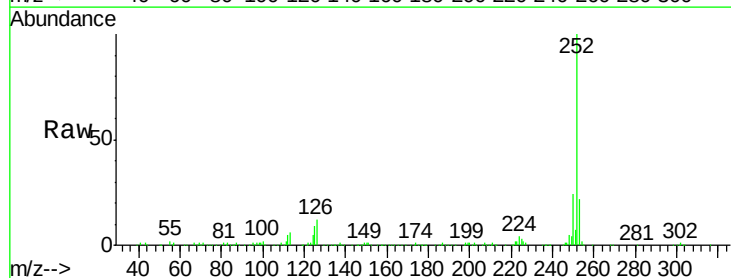
Sohil

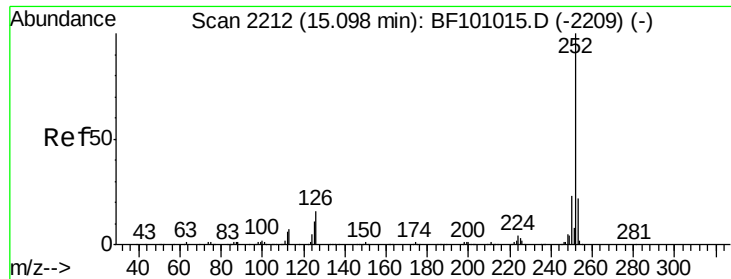
12/13/2017 12:07:44 PM



#87
Benzo(b)fluoranthene
Concen: 47.689 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion:	252	Resp:	229874
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.0	25.6
125	9.4	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 43.262 ng

RT: 15.09 min Scan# 2210

Delta R.T. 0.01 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Instrument :

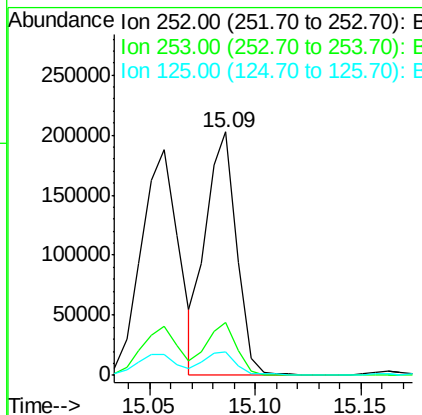
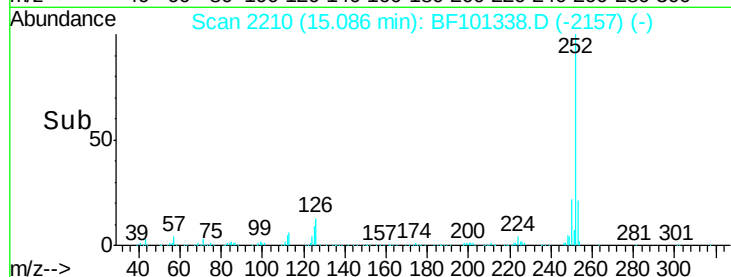
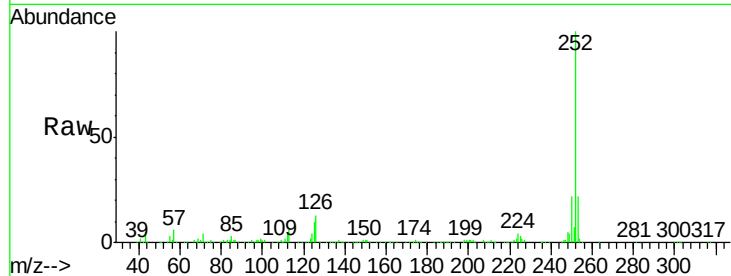
BNA_F

ClientSampleId :

SB-1(13-15)MS

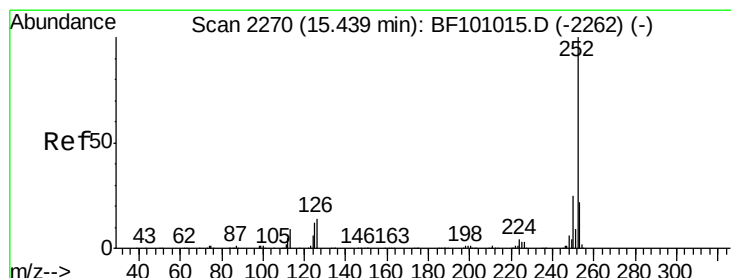
Tot Ion:	252	Resp:	205453
Ion Ratio		Lower	Upper
252	100		
253	21.5	17.9	26.9
125	9.6	10.2	15.2#

Manual Integrations
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Sohil

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#89

Benzo(a)pyrene

Concen: 44.846 ng

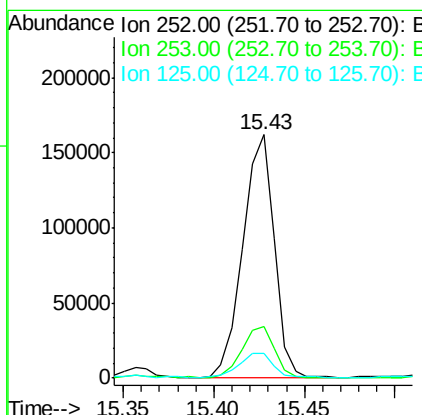
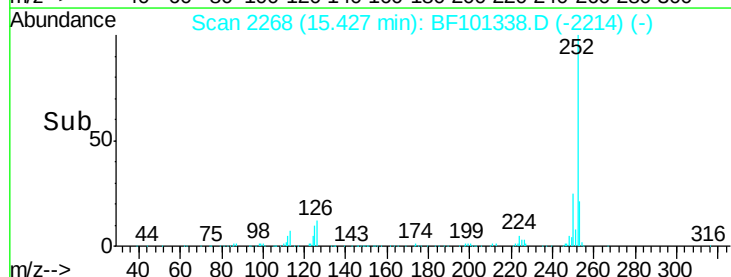
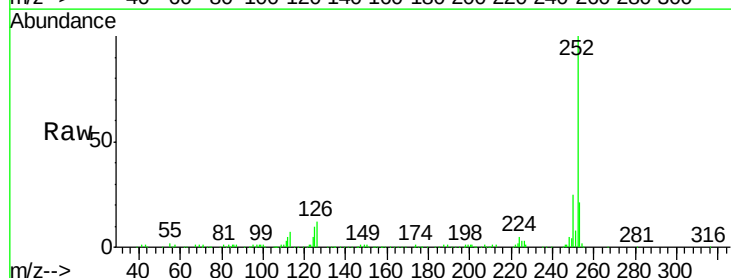
RT: 15.43 min Scan# 2268

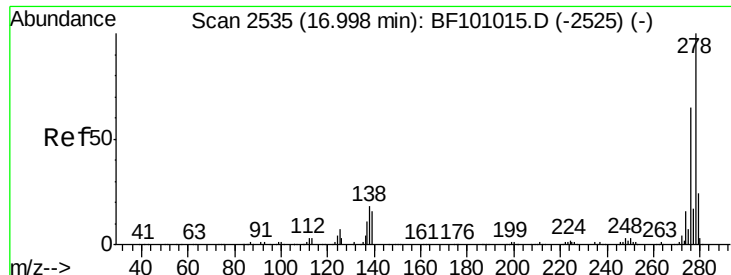
Delta R.T. 0.02 min

Lab File: BF101338.D

Acq: 12 Dec 2017 19:05

Tgt Ion:	252	Resp:	196526
Ion Ratio		Lower	Upper
252	100		
253	21.2	17.1	25.7
125	10.1	9.8	14.6



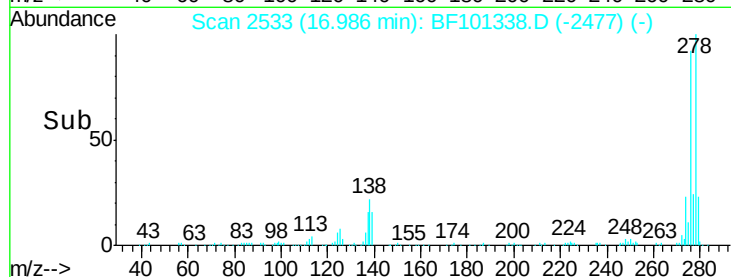
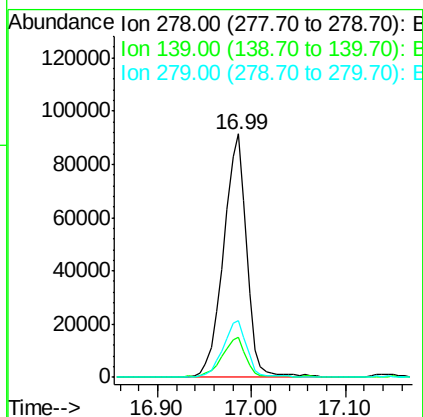
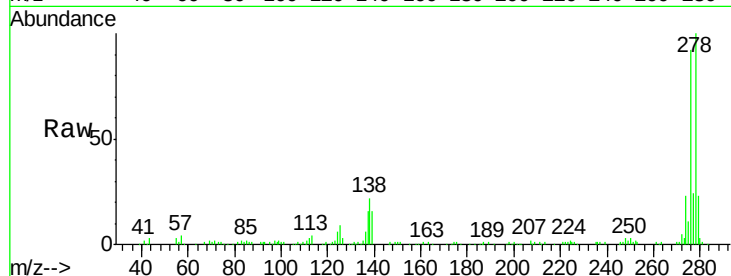


#90
Dibenzo(a,h)anthracene
Concen: 40.581 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.03 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)MS

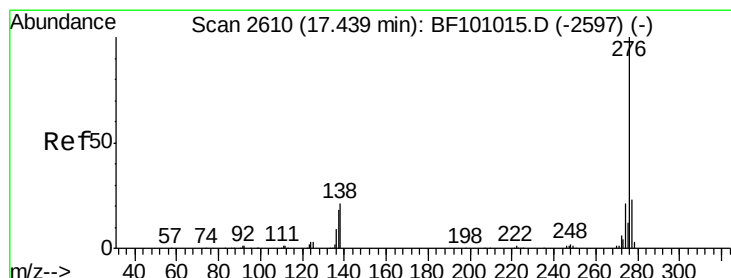
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	15.9	23.9
279	23.5	19.0	28.4

Manual Integrations
APPROVED



Sohil

12/13/2017 12:07:44 PM



#91
Benzo(g,h,i)perylene
Concen: 43.173 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.04 min
Lab File: BF101338.D
Acq: 12 Dec 2017 19:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	21.5	21.8	32.8#

