

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103721.D
 Acq On : 17 Mar 2018 2:26
 Operator : JU/SJ
 Sample : J1915-02MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MS

Manual Integrations
 APPROVED

Sohil

3/19/2018 2:02:58 PM

Quant Time: Mar 19 11:27:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	168375	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	668465	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	278848	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	401451	20.00	ng	0.00
75) Chrysene-d12	14.16	240	303366	20.00	ng	0.00
86) Perylene-d12	15.69	264	242169	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1282868	115.89	ng	0.02
7) Phenol-d6	6.60	99	1588952	117.32	ng	0.01
23) Nitrobenzene-d5	7.54	82	991715	103.46	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	285389	119.03	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1512953	86.55	ng	0.00
78) Terphenyl-d14	13.09	244	1089603	83.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	151865	27.860	ng	93
3) Pyridine	3.70	79	43946	2.931	ng	89
4) n-Nitrosodimethylamine	3.59	42	199233	36.040	ng	88
6) Aniline	6.67	93	176480m	9.126	ng	
8) 2-Chlorophenol	6.76	128	426402	36.770	ng	92
9) Benzaldehyde	6.52	77	190775	21.441	ng	98
10) Phenol	6.61	94	539847	37.512	ng	99
11) bis(2-Chloroethyl)ether	6.71	93	440898	37.111	ng	94
12) 1,3-Dichlorobenzene	6.92	146	441203	33.405	ng	99
13) 1,4-Dichlorobenzene	6.99	146	445366	33.557	ng	99
14) 1,2-Dichlorobenzene	7.15	146	410124	33.301	ng	100
15) Benzyl Alcohol	7.11	79	366285	34.906	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	581953	34.440	ng	95
17) 2-Methylphenol	7.22	107	350097	33.901	ng	99
18) Hexachloroethane	7.49	117	129248	27.685	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	290469	33.466	ng	95
20) 3+4-Methylphenols	7.37	107	430037	32.813	ng	92
22) Acetophenone	7.38	105	575019	33.470	ng	# 95
24) Nitrobenzene	7.56	77	442778	39.345	ng	98
25) Isophorone	7.79	82	815355	36.744	ng	99
26) 2-Nitrophenol	7.87	139	180956	43.392	ng	97
27) 2,4-Dimethylphenol	7.90	122	356164	37.466	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	530401	39.473	ng	99
29) 2,4-Dichlorophenol	8.11	162	327642	37.883	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	343802	34.273	ng	98
31) Naphthalene	8.28	128	1155194	34.210	ng	99
32) Benzoic acid	7.95	122	16219m	11.824	ng	
33) 4-Chloroaniline	8.33	127	153586	10.841	ng	98
34) Hexachlorobutadiene	8.39	225	184246	33.500	ng	99
35) Caprolactam	8.68	113	27179	9.126	ng	94
36) 4-Chloro-3-methylphenol	8.79	107	344704	36.153	ng	94
37) 2-Methylnaphthalene	8.97	142	738851	34.504	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	305246	38.371	ng	99
40) Hexachlorocyclopentadiene	9.12	237	55879	13.613	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	209535	41.179	ng	99
43) 2,4,5-Trichlorophenol	9.28	196	217424	37.858	ng	95
45) 1,1'-Biphenyl	9.43	154	849418	36.531	ng	99
46) 2-Chloronaphthalene	9.46	162	659951	35.735	ng	98
47) 2-Nitroaniline	9.55	65	218496	45.620	ng	95
48) Acenaphthylene	9.87	152	973772	34.003	ng	100
49) Dimethylphthalate	9.73	163	902845	42.438	ng	100
50) 2,6-Dinitrotoluene	9.79	165	155973	38.737	ng	97
51) Acenaphthene	10.05	154	567631	33.381	ng	99
52) 3-Nitroaniline	9.96	138	134349	28.888	ng	98
53) 2,4-Dinitrophenol	10.06	184	5398	15.118	ng	# 51
54) Dibenzofuran	10.22	168	849809	34.992	ng	99
55) 4-Nitrophenol	10.12	139	244101	63.747	ng	93
56) 2,4-Dinitrotoluene	10.20	165	187597	37.536	ng	93
57) Fluorene	10.56	166	627625	33.304	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	153496	37.719	ng	98
59) Diethylphthalate	10.43	149	756657	35.834	ng	99
60) 4-Chlorophenyl-phenylether	10.55	204	310060	36.001	ng	98
61) 4-Nitroaniline	10.57	138	141328	31.195	ng	98
62) Azobenzene	10.72	77	711053	33.122	ng	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	8555	14.234	ng	90
65) n-Nitrosodiphenylamine	10.67	169	564392	41.303	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	171617	41.636	ng	93
67) Hexachlorobenzene	11.12	284	174729	37.141	ng	# 88
68) Atrazine	11.19	200	169345	40.062	ng	100
69) Pentachlorophenol	11.30	266	160470	59.331	ng	97
70) Phenanthrene	11.53	178	787879	35.877	ng	99
71) Anthracene	11.59	178	807125	36.187	ng	99
72) Carbazole	11.73	167	708482	32.681	ng	99
73) Di-n-butylphthalate	12.06	149	1045397	40.189	ng	99
74) Fluoranthene	12.72	202	756660	33.445	ng	99
77) Pyrene	12.96	202	766022	34.383	ng	99
79) Butylbenzylphthalate	13.56	149	384946	38.999	ng	99
80) Benzo(a)anthracene	14.14	228	695439	36.215	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	62549	9.738	ng	98
82) Chrysene	14.19	228	647254	35.359	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	776982	55.100	ng	100
84) Di-n-octyl phthalate	14.74	149	892123	43.487	ng	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	498328	31.173	ng	97
87) Benzo(b)fluoranthene	15.24	252	601709	39.328	ng	98
88) Benzo(k)fluoranthene	15.27	252	571909	38.887	ng	99
89) Benzo(a)pyrene	15.63	252	526258	37.923	ng	# 96
90) Dibenzo(a,h)anthracene	17.29	278	413058	34.376	ng	99
91) Benzo(g,h,i)perylene	17.75	276	403480	34.516	ng	96

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

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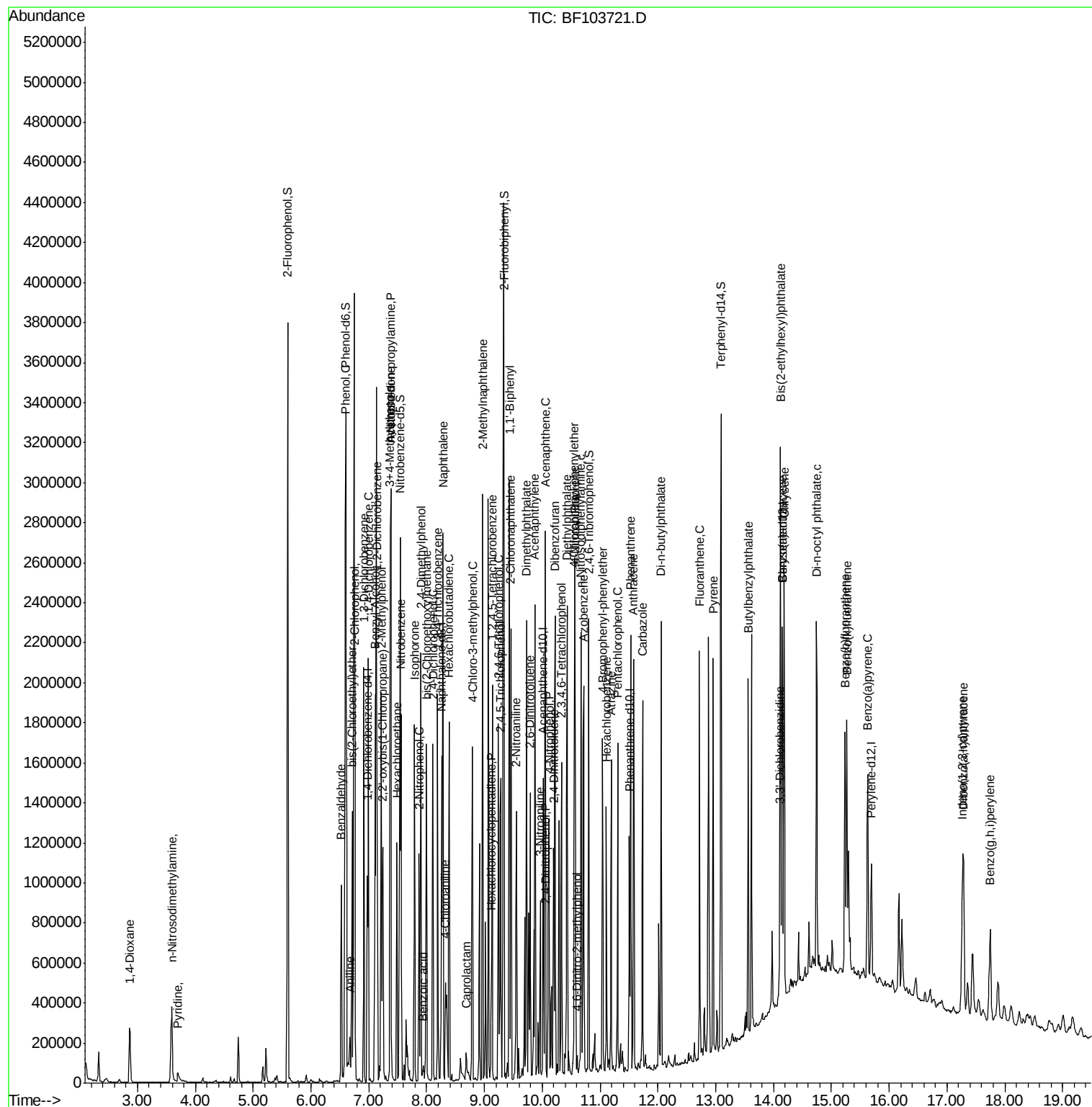
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

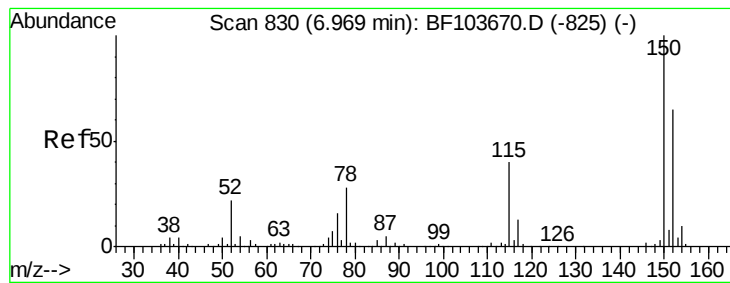
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

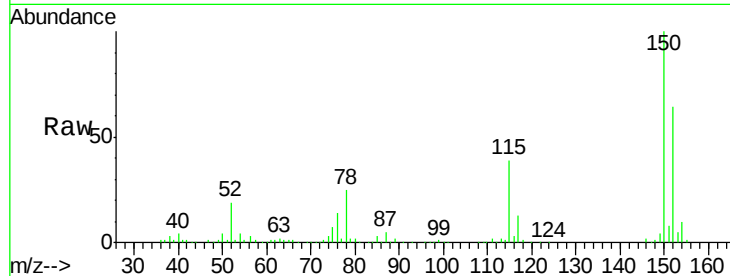
Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	60.9	50.1	75.1

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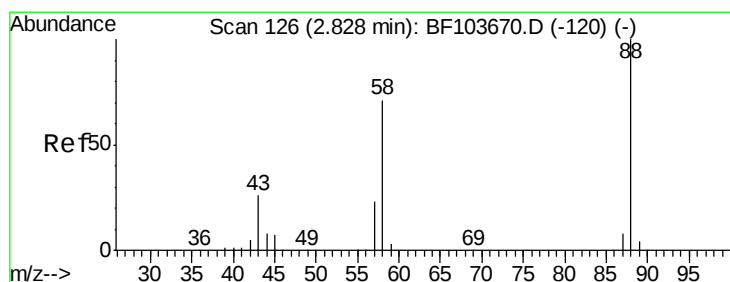
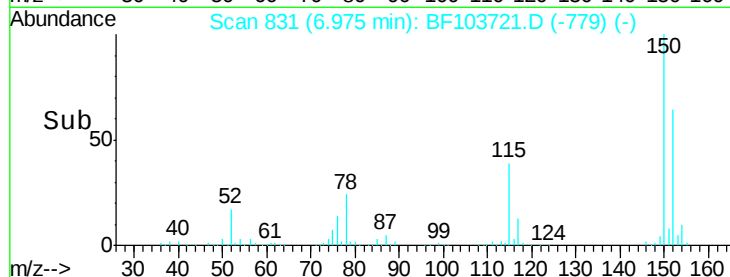
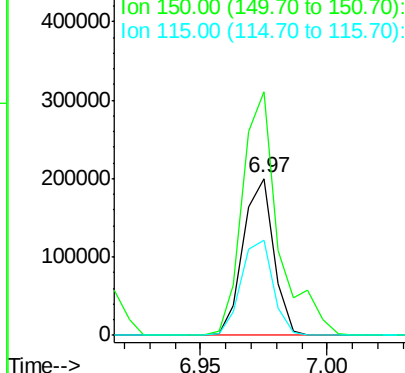


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 27.860 ng
 RT: 2.86 min Scan# 132
 Delta R.T. 0.04 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

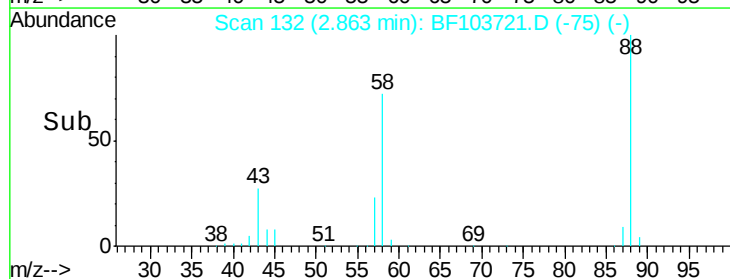
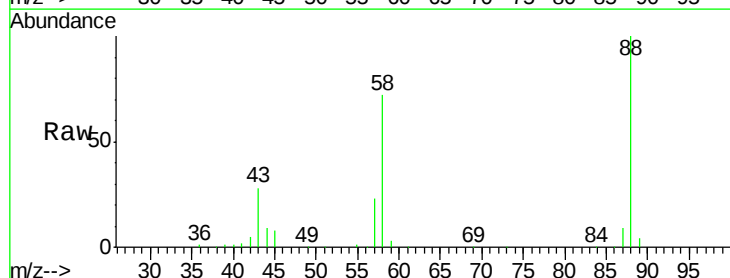
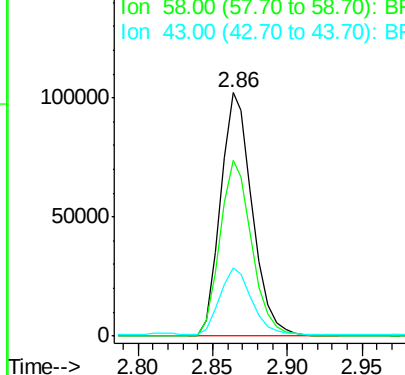
Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.3	62.6	93.8
43	27.5	24.6	37.0

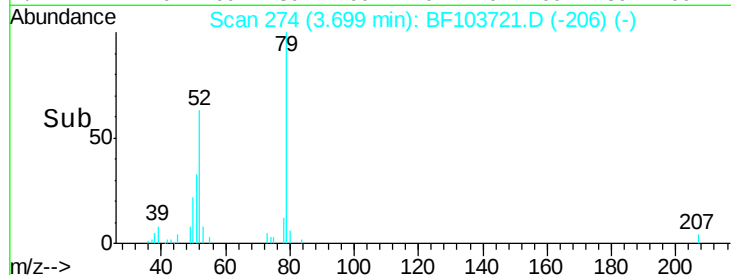
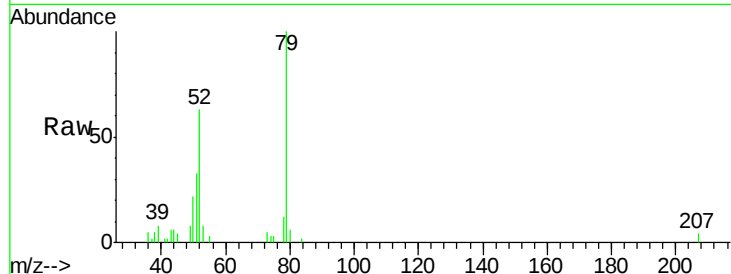
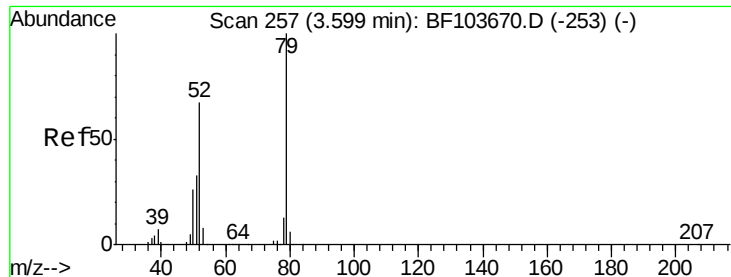
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3
 Pvridine
 Concen: 2.931 ng
 RT: 3.70 min Scan# 274
 Delta R.T. 0.10 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

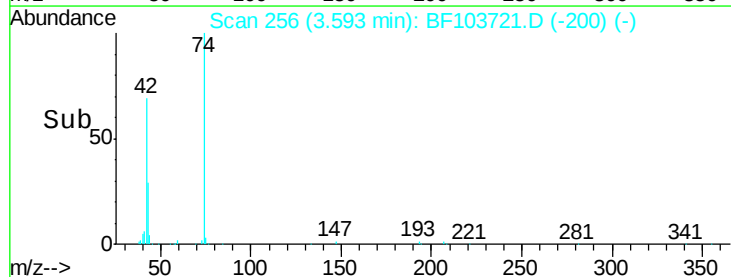
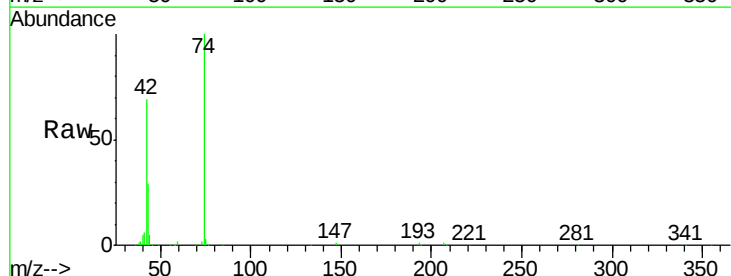
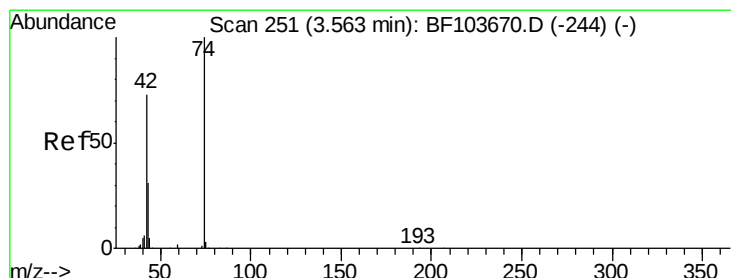
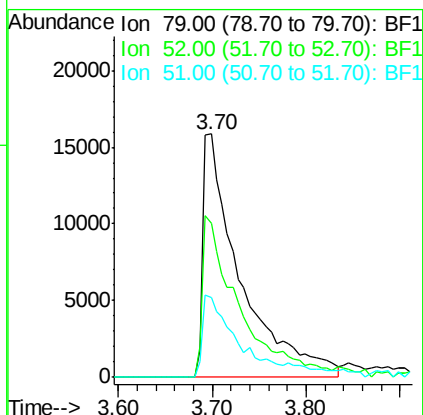
Tot Ion:	79	Resp:	43946
Ion Ratio	Lower	Upper	
79	100		
52	63.4	59.8	89.6
51	32.8	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MS

Manual Integrations
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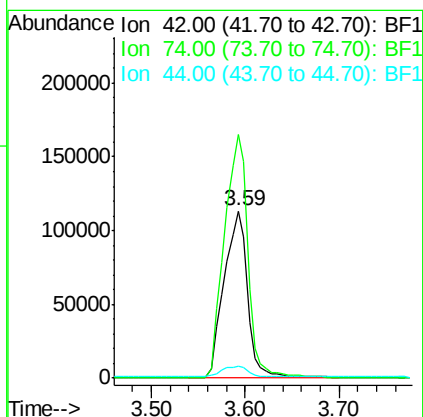
Sohil

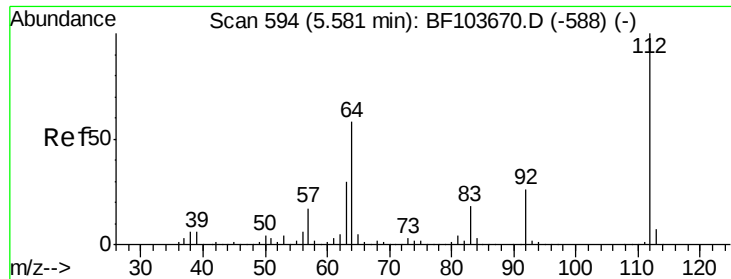
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#4
 n-Nitrosodimethylamine
 Concen: 36.040 ng
 RT: 3.59 min Scan# 256
 Delta R.T. 0.03 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Tgt Ion:	42	Resp:	199233
Ion Ratio	Lower	Upper	
42	100		
74	145.8	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 115.886 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.02 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

P002-S001-0001-01MS

Tot Ion: 112 Resp: 1282868

Ion Ratio Lower Upper

112 100

64 56.3 47.9 71.9

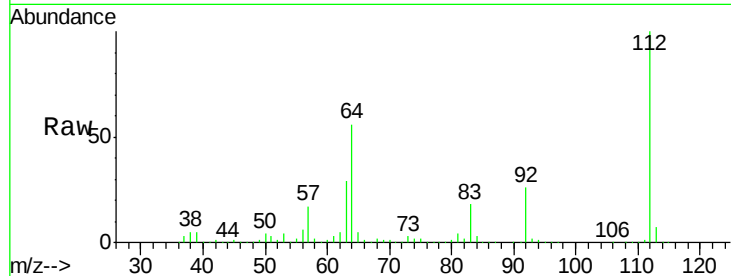
63 28.9 23.7 35.5

Manual Integrations

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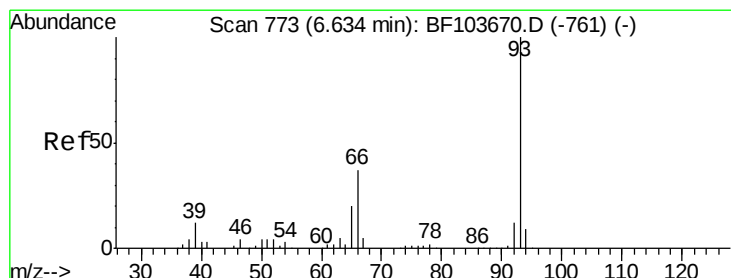
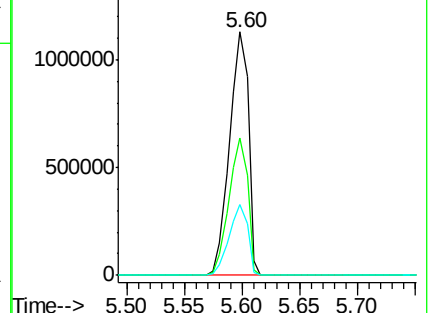
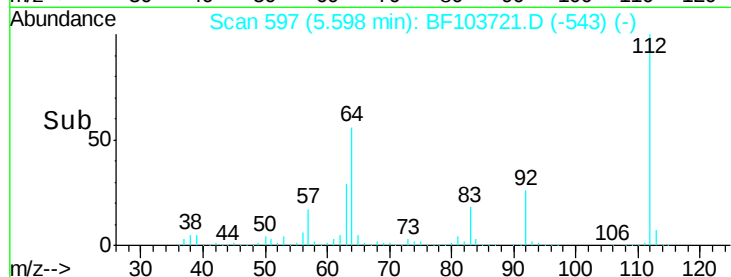
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.126 ng m

RT: 6.67 min Scan# 780

Delta R.T. 0.04 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

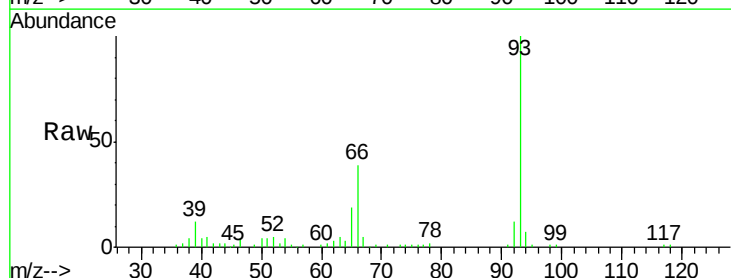
Tgt Ion: 93 Resp: 176480

Ion Ratio Lower Upper

93 100

66 38.9 32.2 48.2

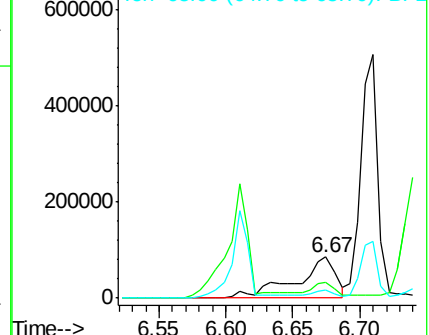
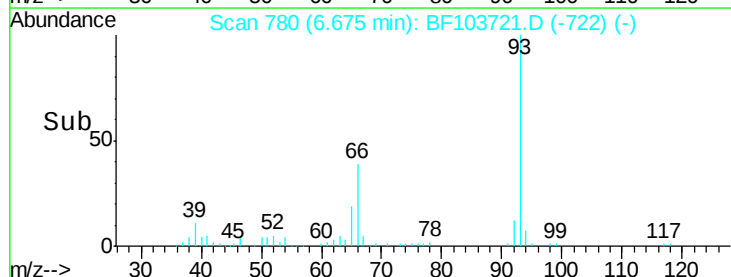
65 19.4 16.4 24.6

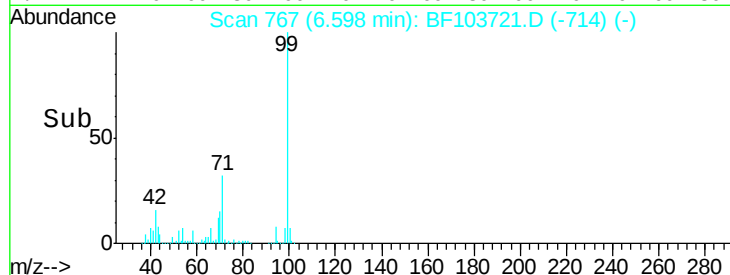
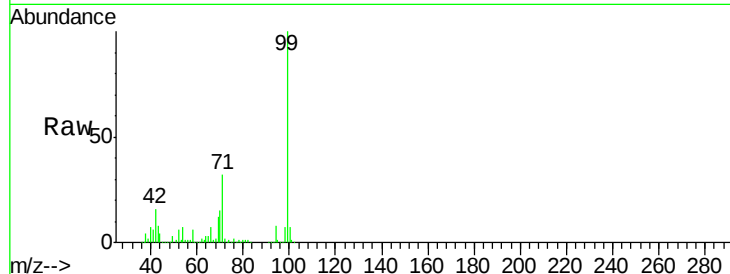


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.323 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Tot Ion:	99	Resp:	1588952
Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	32.1	25.4	38.0

Instrument :

BNA_F

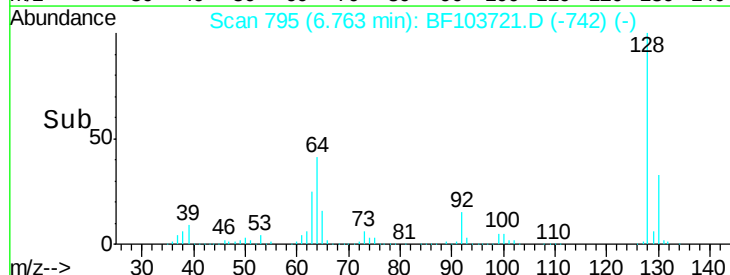
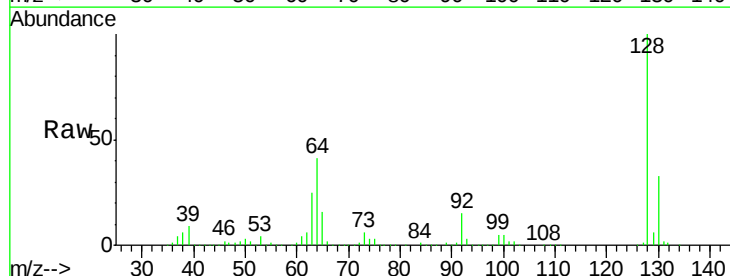
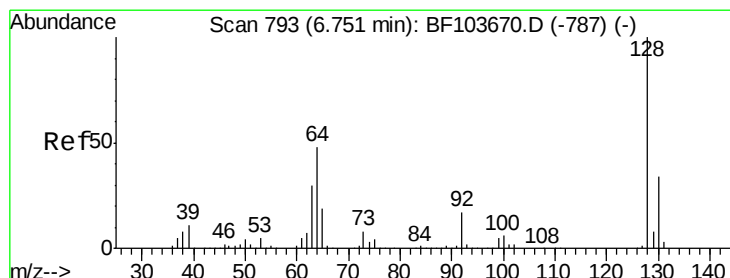
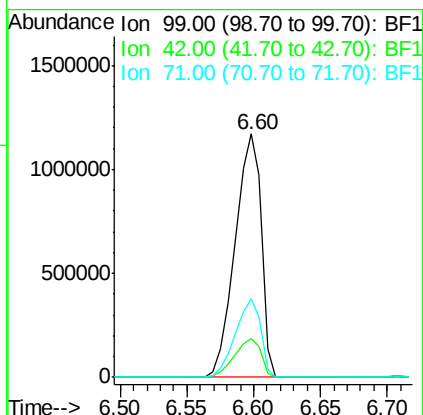
ClientSampleId :

P002-S001-0001-01MS

Manual Integrations
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#8

2-Chlorophenol

Concen: 36.770 ng

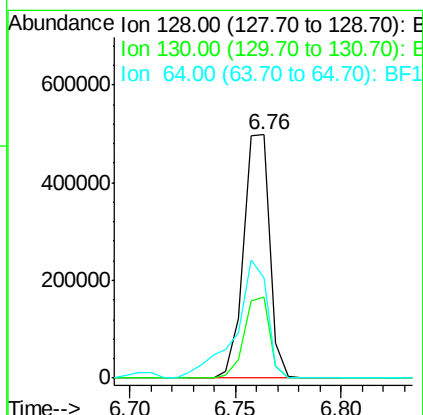
RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Tgt Ion:	128	Resp:	426402
Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.0	53.0
64	41.0	29.4	69.4





#9

Benzaldehyde

Concen: 21.441 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

P002-S001-0001-01MS

Tot Ion: 77 Resp: 190775

Ion Ratio Lower Upper

77 100

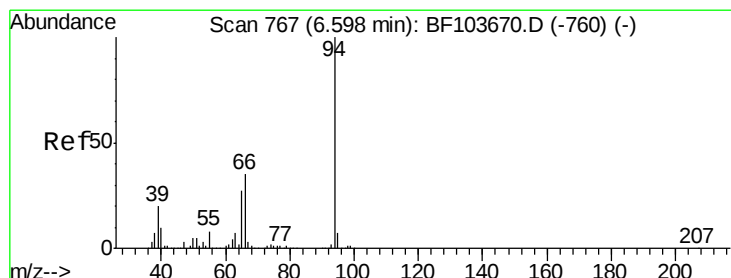
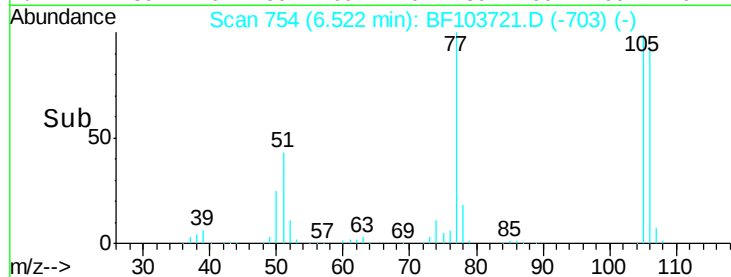
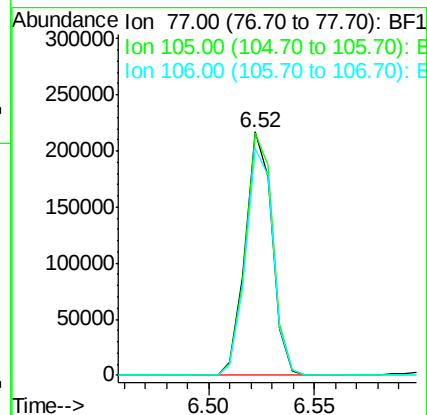
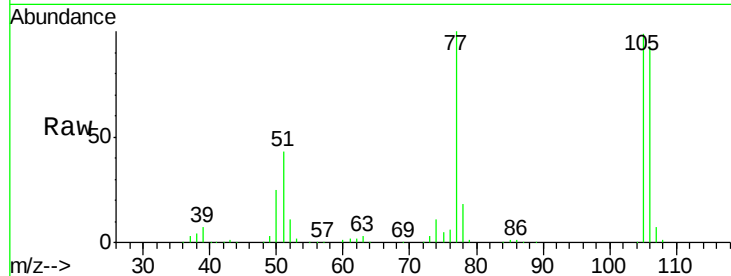
105 99.5 81.1 121.1

106 93.0 74.5 114.5

Manual Integrations
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#10

Phenol

Concen: 37.512 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

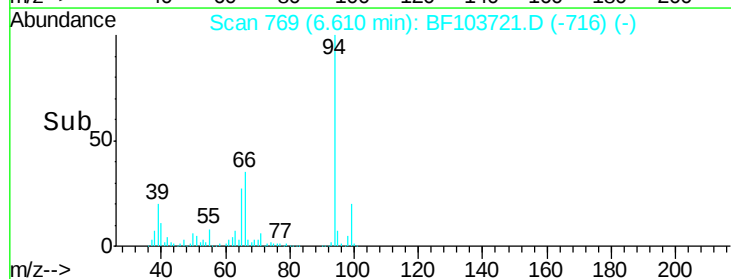
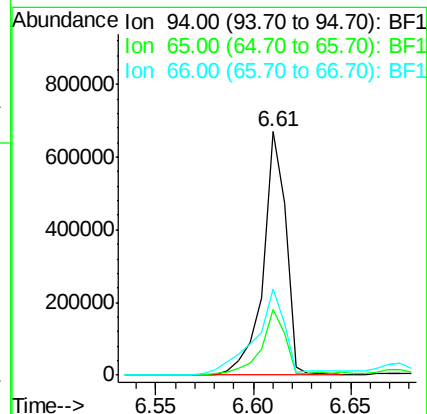
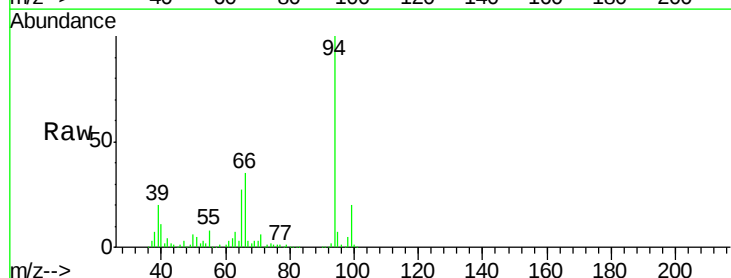
Tgt Ion: 94 Resp: 539847

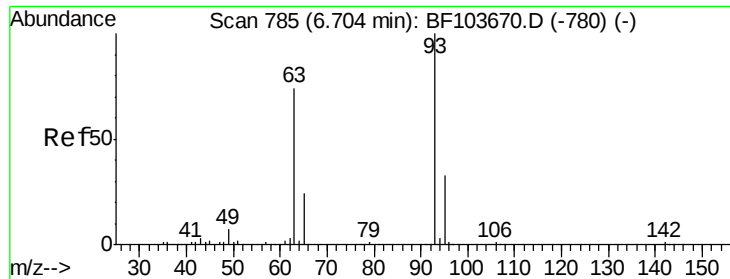
Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

66 35.5 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.111 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

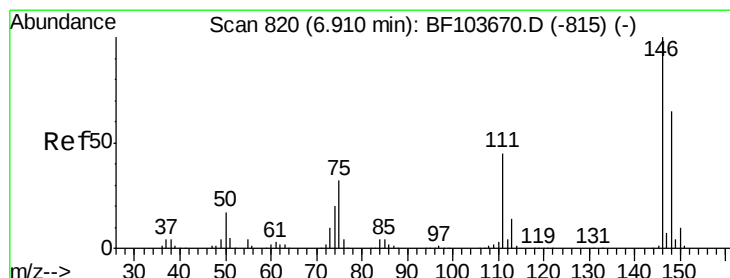
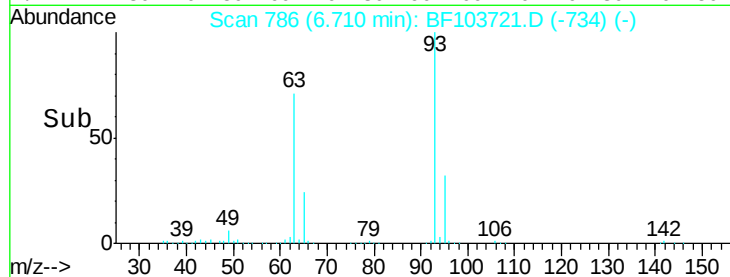
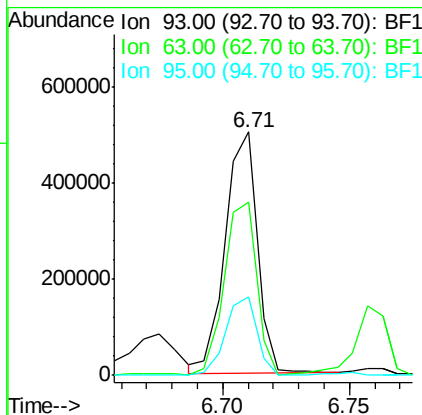
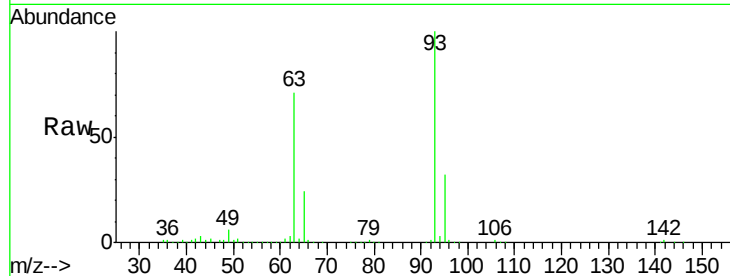
P002-S001-0001-01MS

Tot Ion:	93	Resp:	440898
Ion Ratio	Lower	Upper	
93	100		
63	70.9	58.6	98.6
95	32.1	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 33.405 ng

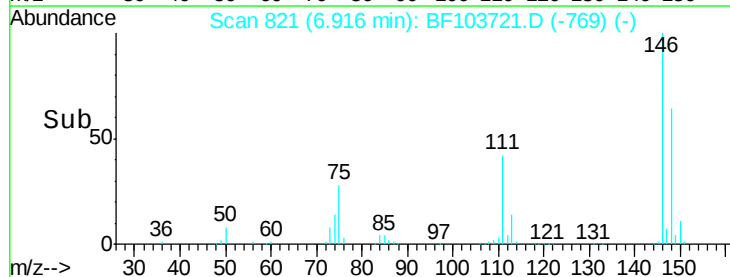
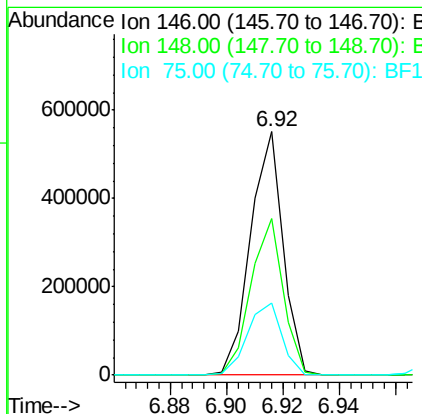
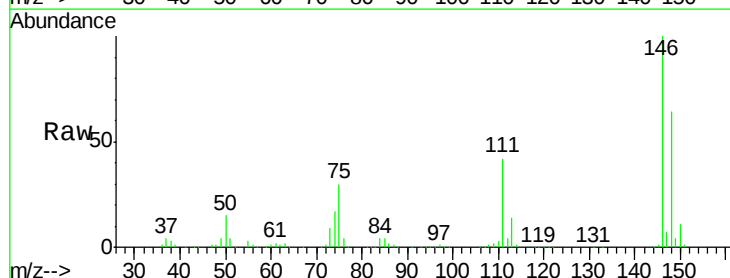
RT: 6.92 min Scan# 821

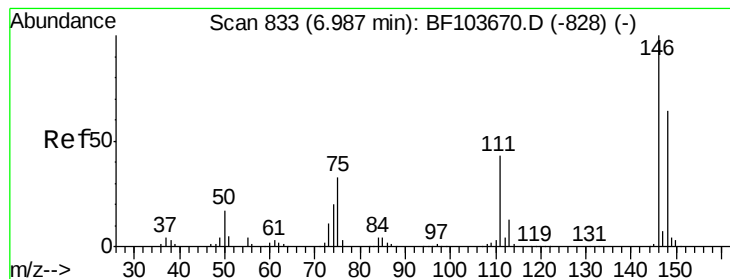
Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Tgt Ion:	146	Resp:	441203
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.8	77.8
75	29.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 33.557 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

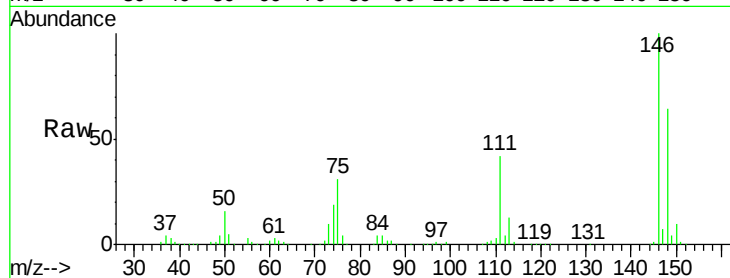
P002-S001-0001-01MS

Tot Ion:	146	Resp:	445366
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.8	76.2
111	42.0	34.2	51.2

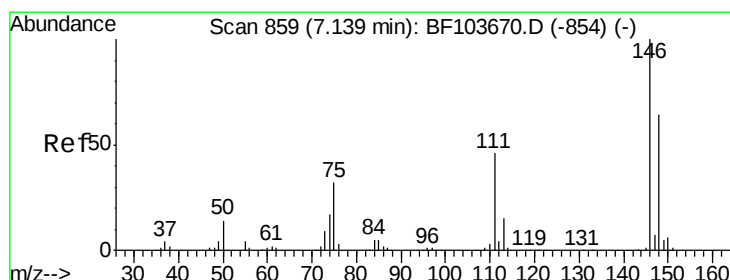
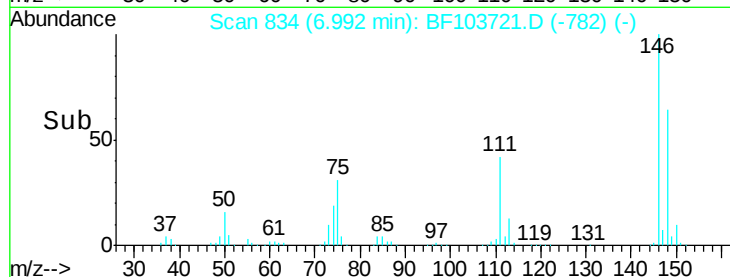
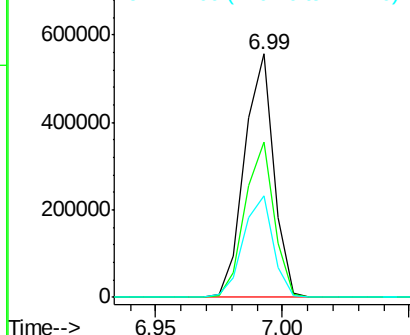
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.301 ng

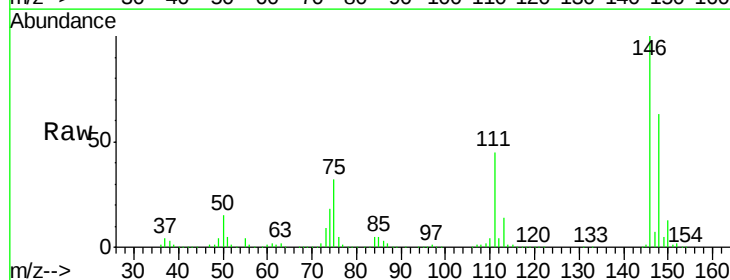
RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

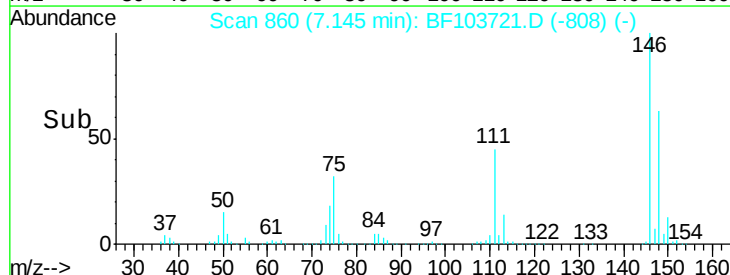
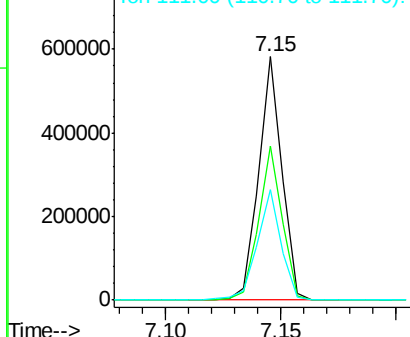
Lab File: BF103721.D

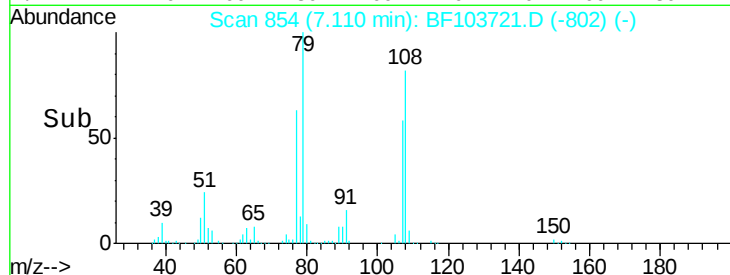
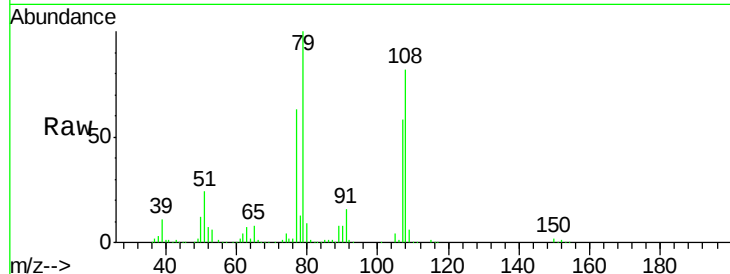
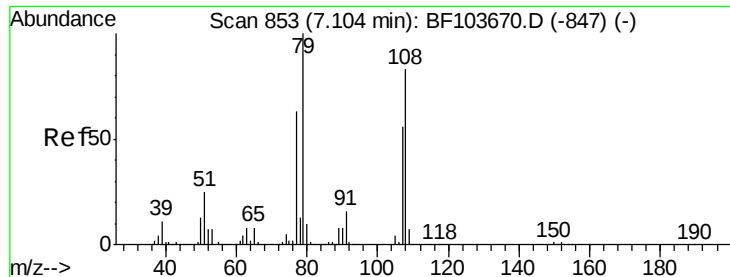
Acq: 17 Mar 2018 2:26

Tgt Ion:	146	Resp:	410124
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.6	75.8
111	45.2	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15
Benzyl Alcohol
Concen: 34.906 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

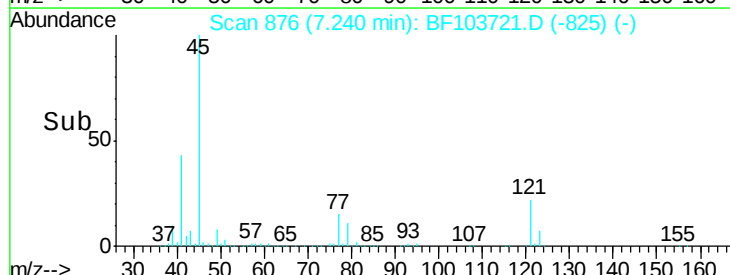
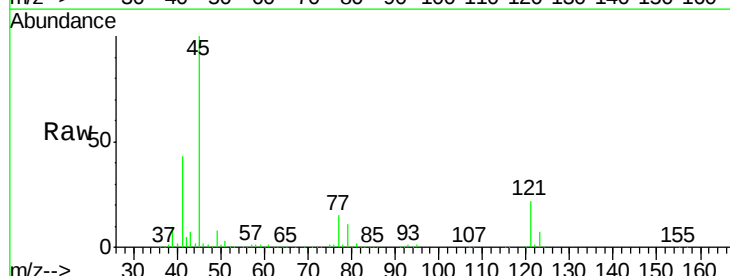
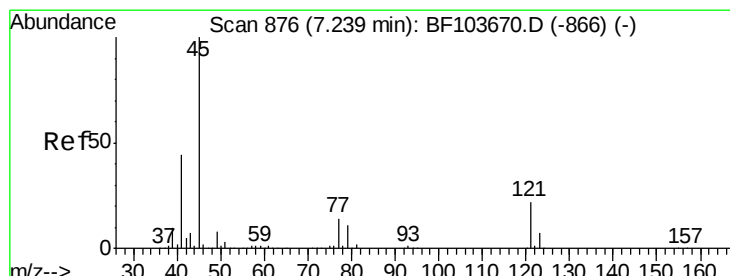
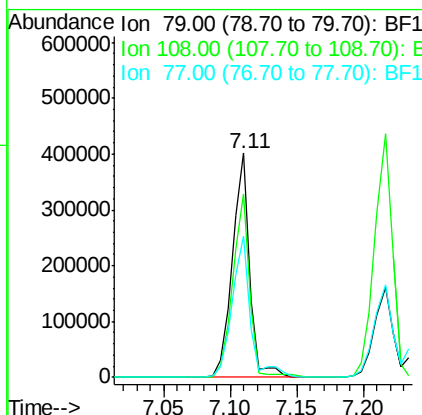
Tot Ion	Ratio	Lower	Upper
79	100		
108	81.8	65.1	97.7
77	63.1	50.6	75.8

Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

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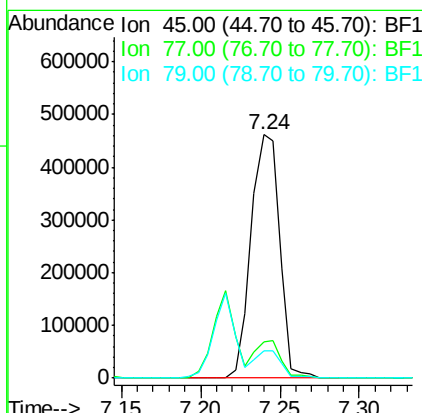
Sohil

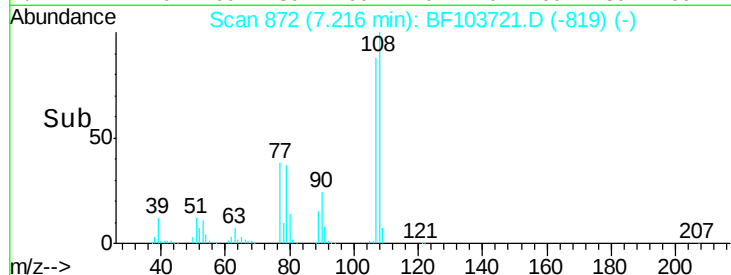
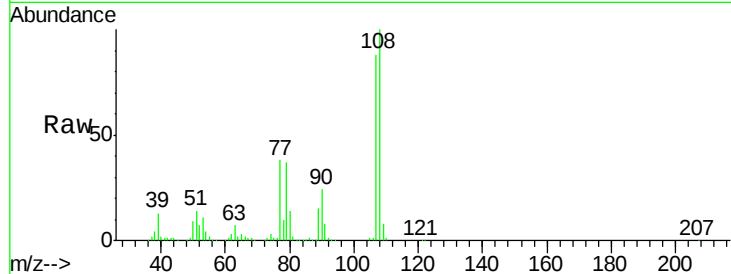
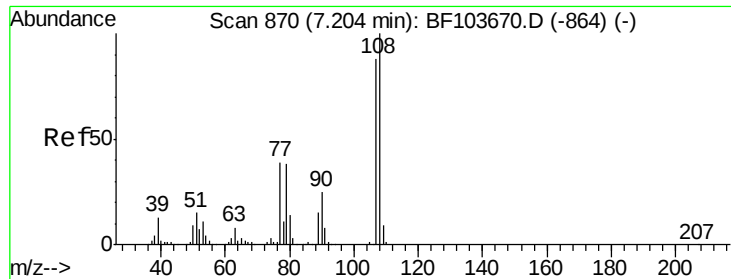
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.440 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	32.9
79	11.1	0.0	29.6





#17

2-Methylphenol

Concen: 33.901 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Tot Ion	107	Resp	350097
Ion Ratio	Lower	Upper	
107	100		
108	113.6	91.7	137.5
77	43.2	33.8	50.8
79	42.1	33.8	50.8

Instrument :

BNA_F

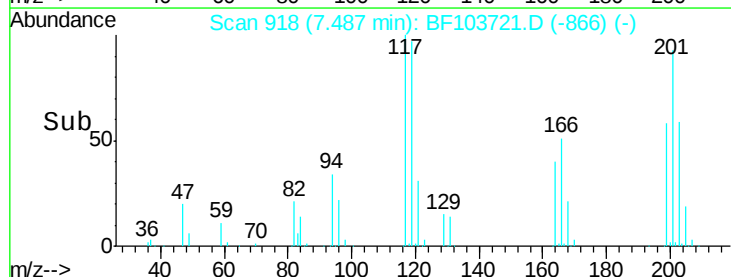
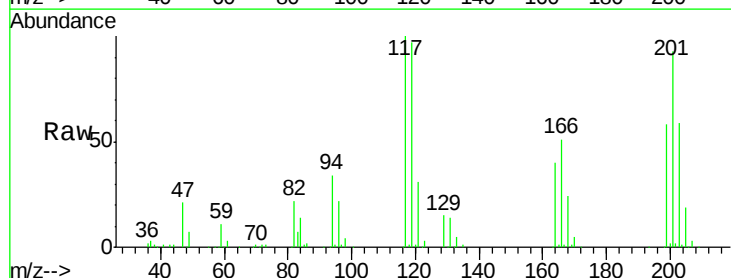
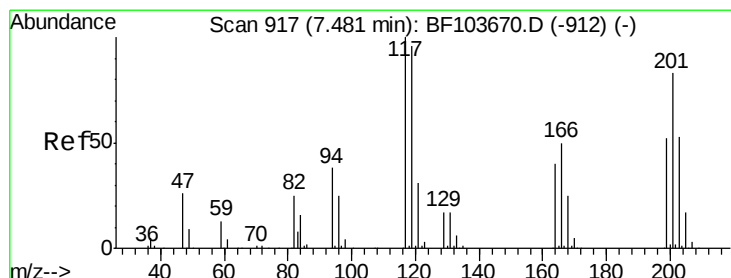
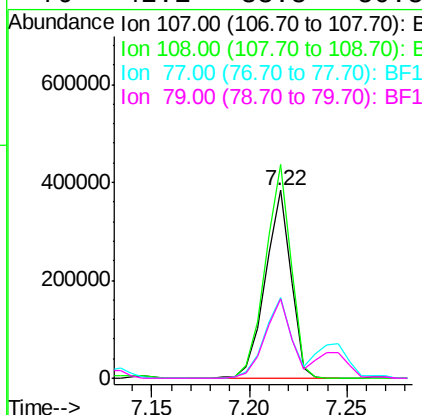
ClientSampleId :

P002-S001-0001-01MS

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#18

Hexachloroethane

Concen: 27.685 ng

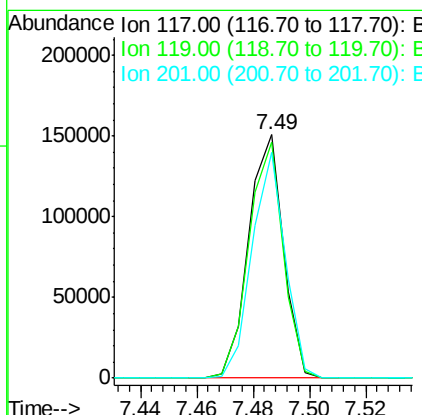
RT: 7.49 min Scan# 918

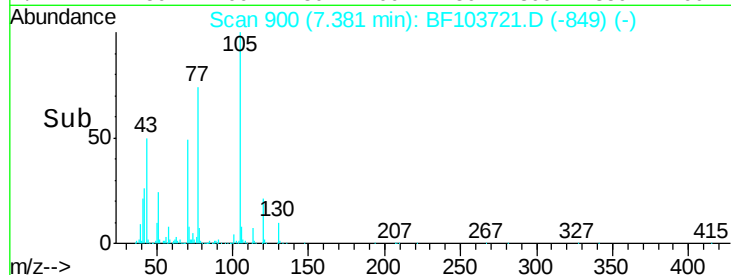
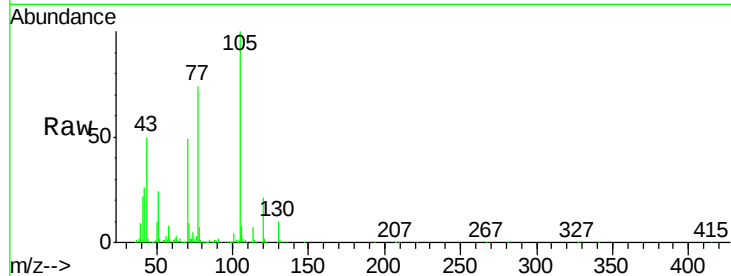
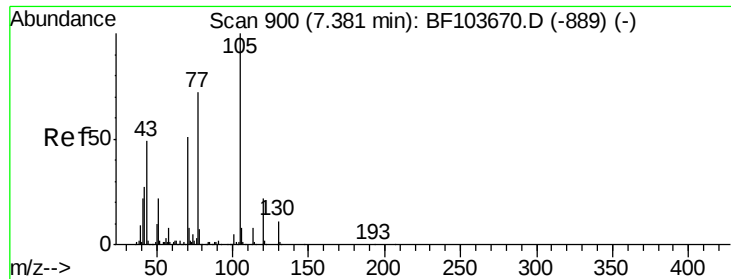
Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Tgt Ion	117	Resp	129248
Ion Ratio	Lower	Upper	
117	100		
119	96.8	75.8	113.8
201	92.8	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 33.466 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

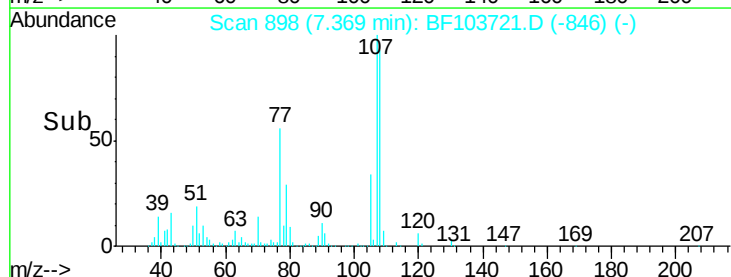
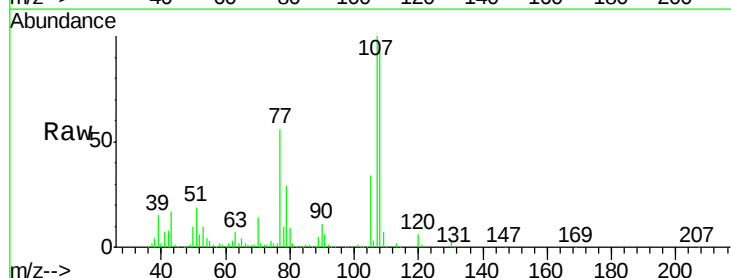
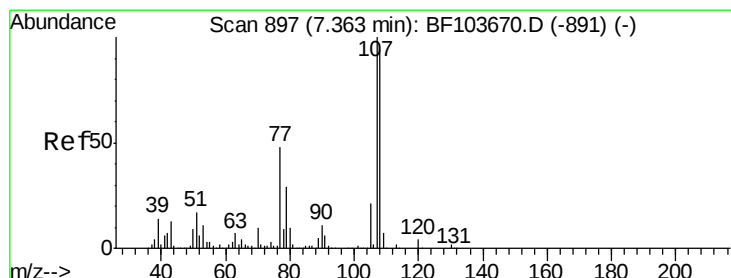
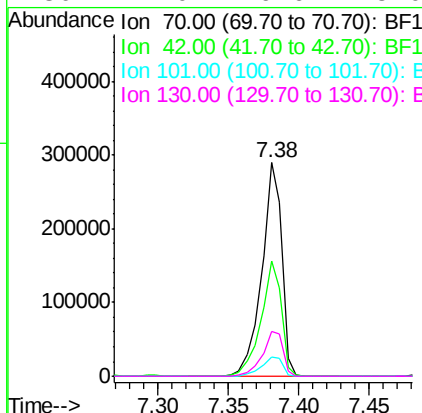
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.9	47.5	71.3
101	9.0	7.4	11.2
130	21.0	16.6	25.0

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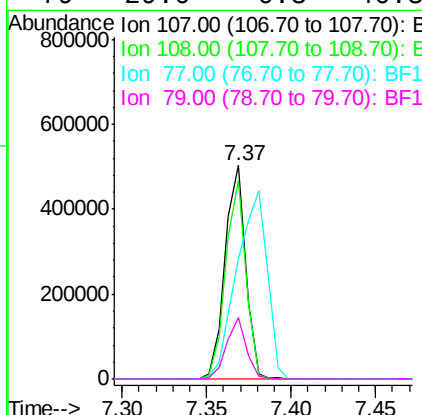
Sohil

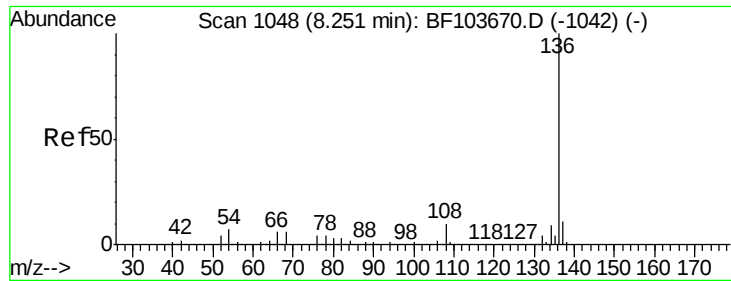
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#20
3+4-Methylphenols
Concen: 32.813 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	68.2	108.2
77	56.1	26.7	66.7
79	29.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

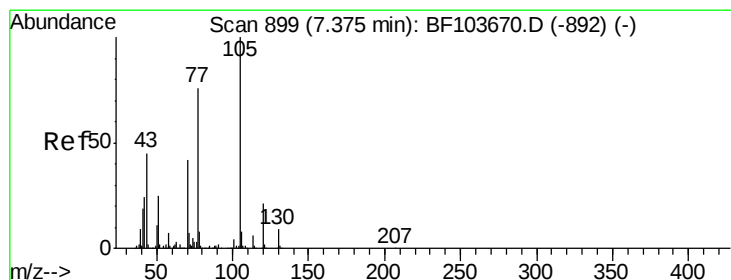
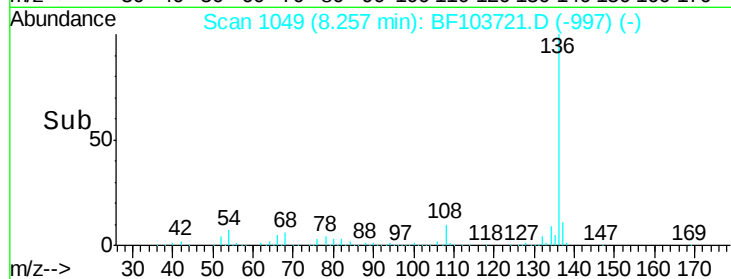
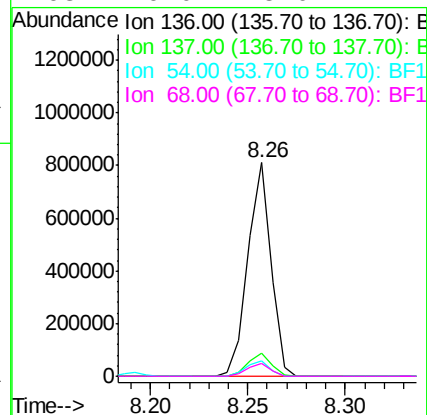
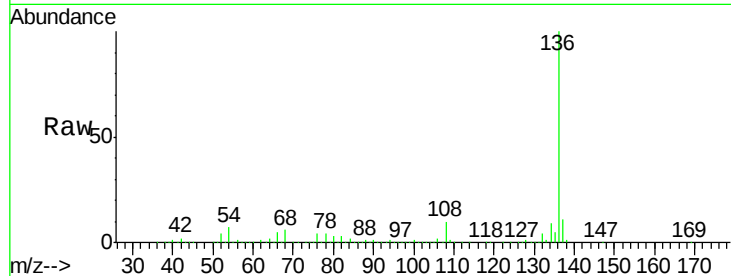
P002-S001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	7.3	6.6	9.8	
68	6.0	5.0	7.4	

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#22

Acetophenone

Concen: 33.470 ng

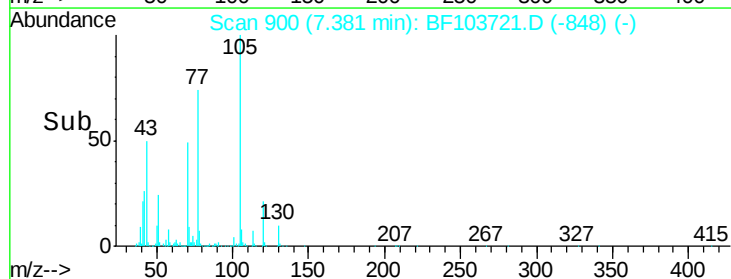
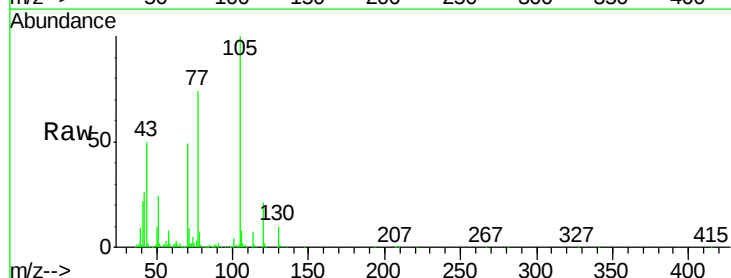
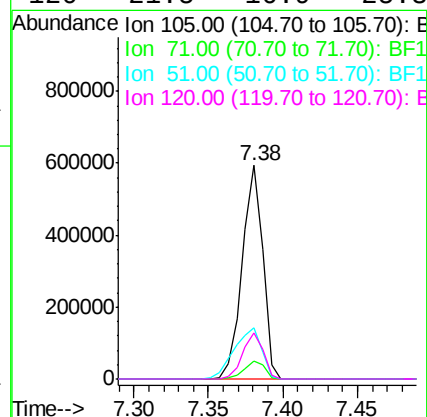
RT: 7.38 min Scan# 900

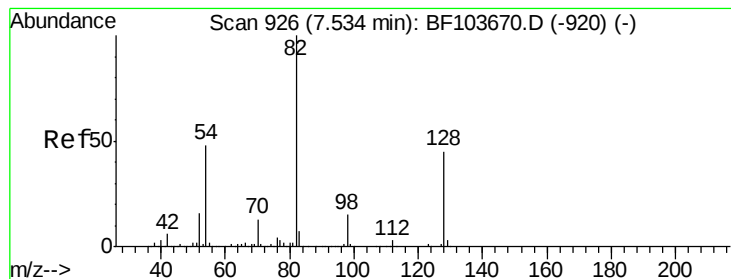
Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.5	4.4	6.6#	
51	23.7	22.3	33.5	
120	21.5	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 103.458 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

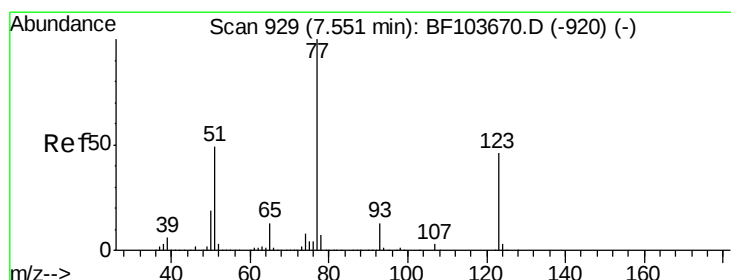
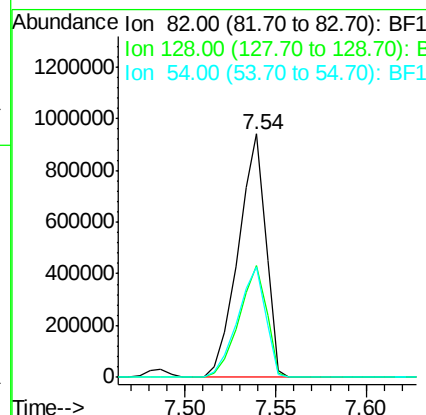
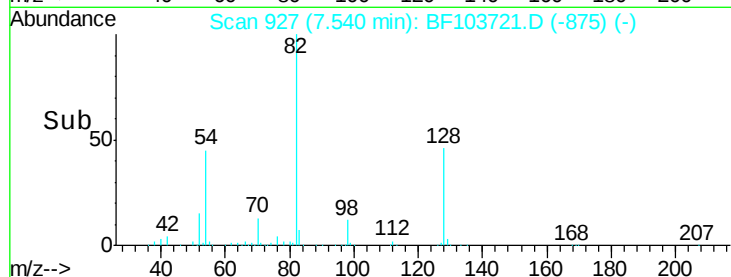
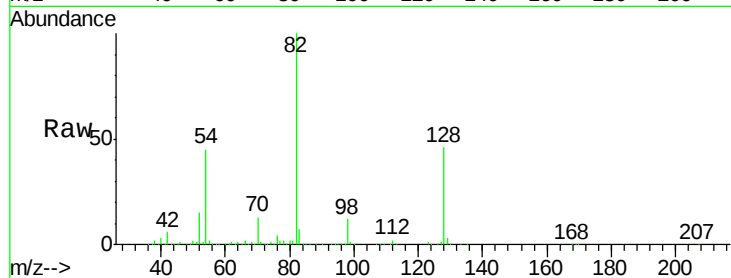
P002-S001-0001-01MS

Tot Ion:	82	Resp:	991715
Ion Ratio	Lower	Upper	
82	100		
128	45.9	36.1	54.1
54	45.2	41.4	62.2

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#24

Nitrobenzene

Concen: 39.345 ng

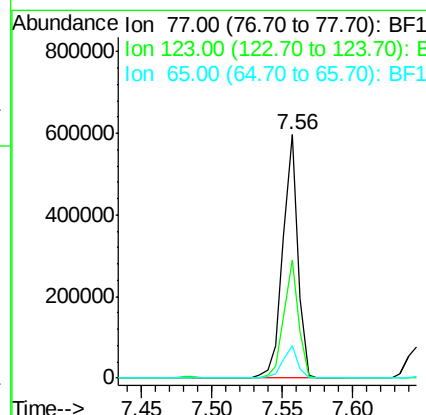
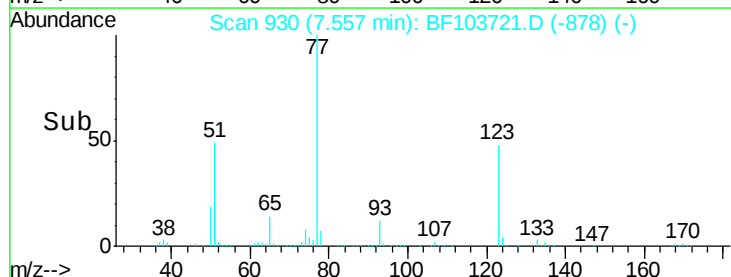
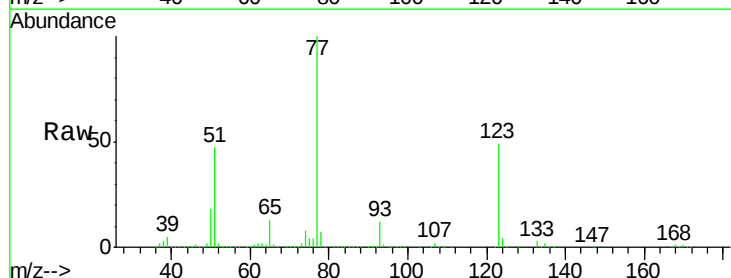
RT: 7.56 min Scan# 930

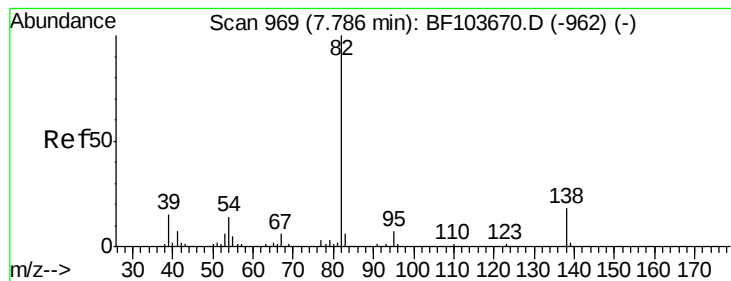
Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Tgt Ion:	77	Resp:	442778
Ion Ratio	Lower	Upper	
77	100		
123	48.8	37.9	56.9
65	13.2	11.0	16.4





#25

Isophorone

Concen: 36.744 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

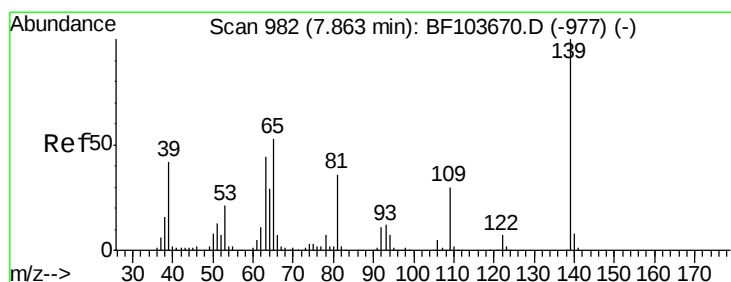
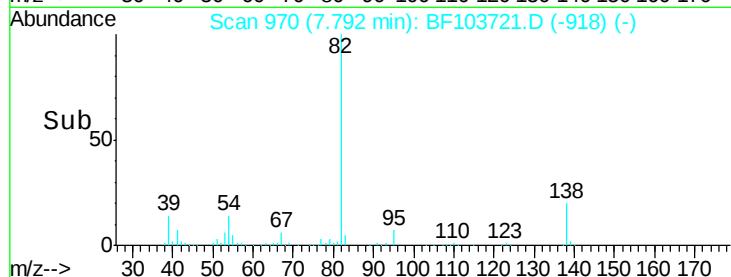
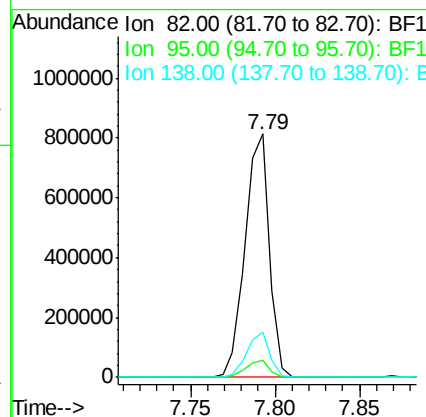
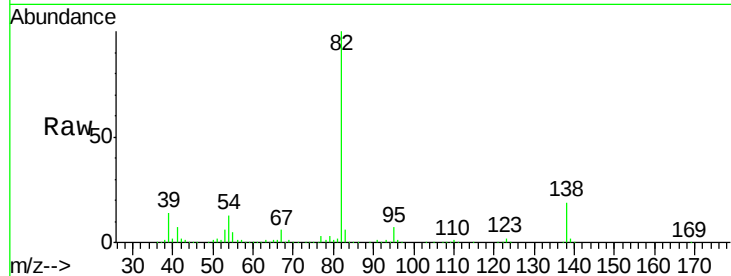
P002-S001-0001-01MS

Tot Ion:	82	Resp:	815355
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	18.8	14.9	22.3

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#26

2-Nitrophenol

Concen: 43.392 ng

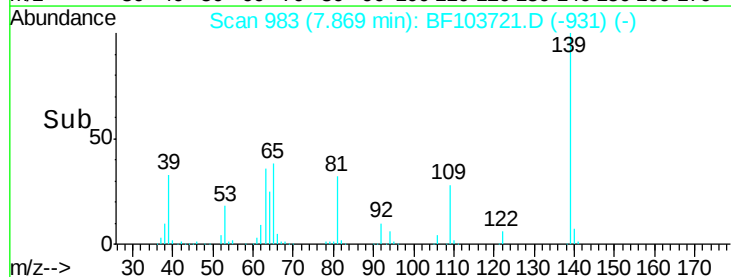
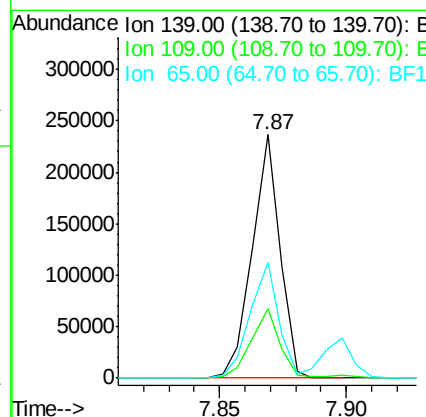
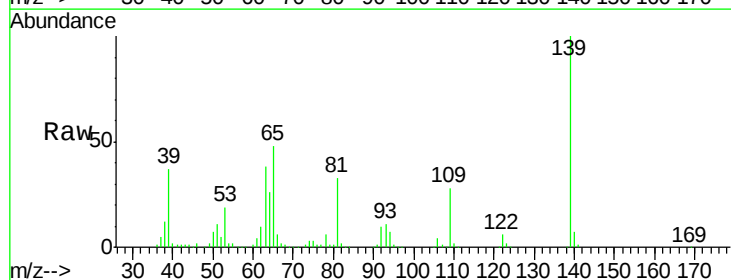
RT: 7.87 min Scan# 983

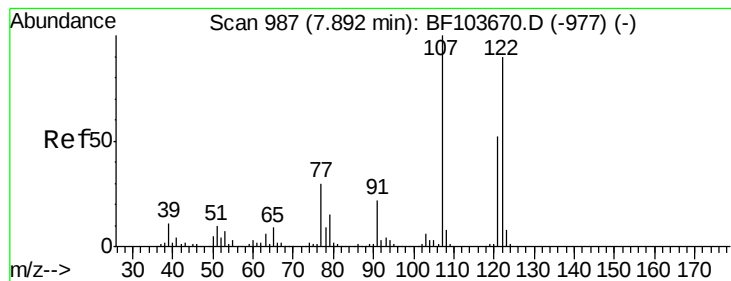
Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Tgt Ion:	139	Resp:	180956
Ion Ratio	Lower	Upper	
139	100		
109	28.4	22.7	34.1
65	47.6	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 37.466 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

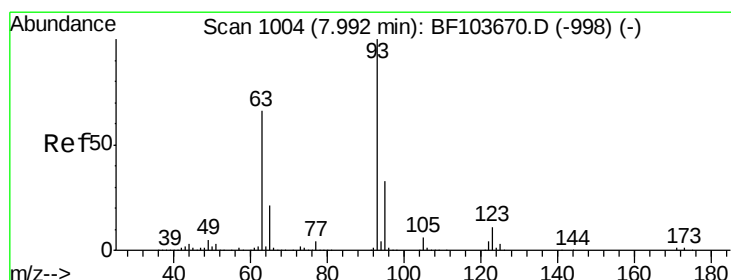
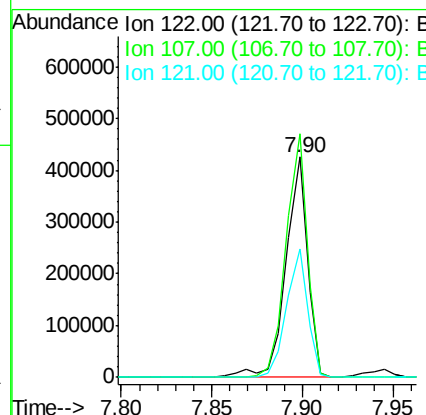
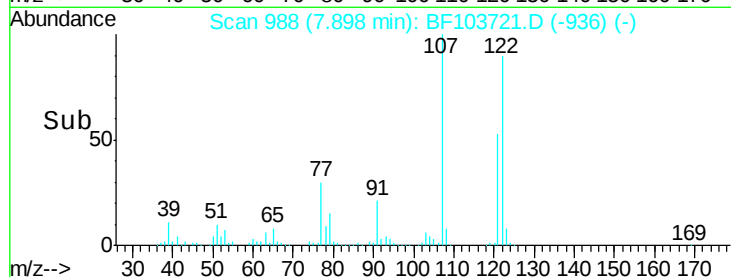
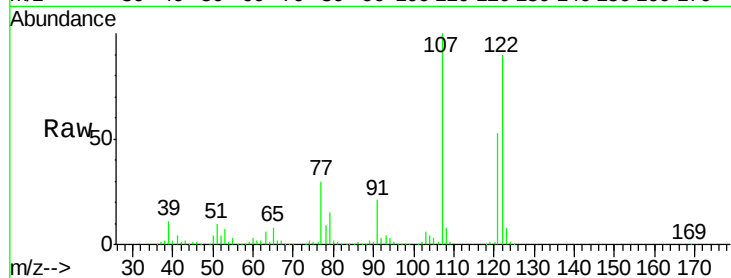
P002-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.6	91.2	136.8
121	58.2	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 39.473 ng

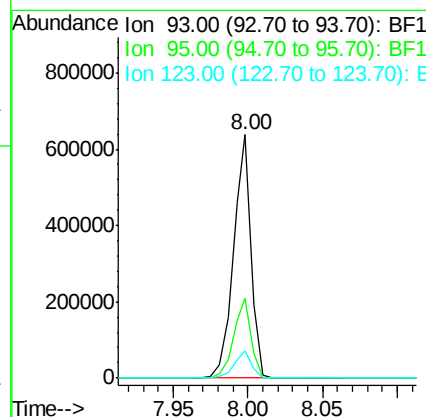
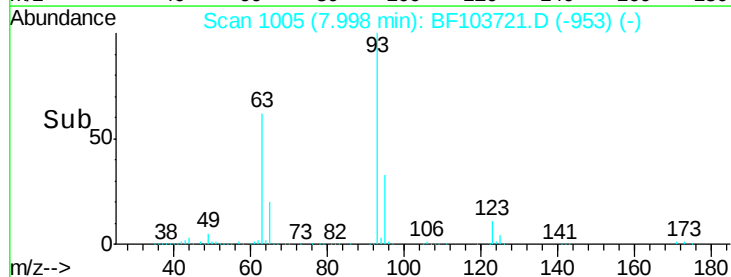
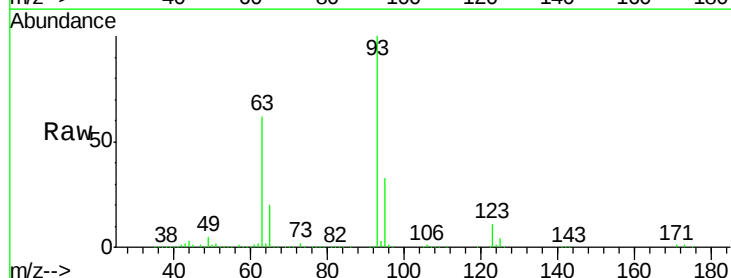
RT: 8.00 min Scan# 1005

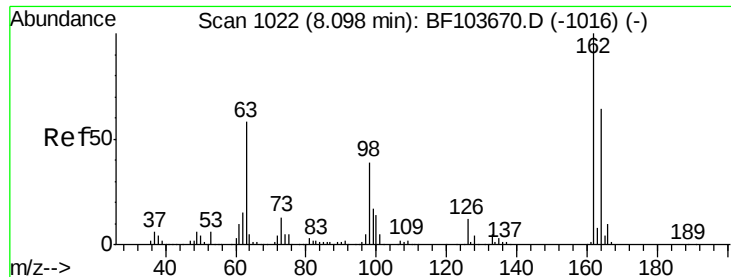
Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.3	9.8	14.6





#29
2,4-Dichlorophenol
Concen: 37.883 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

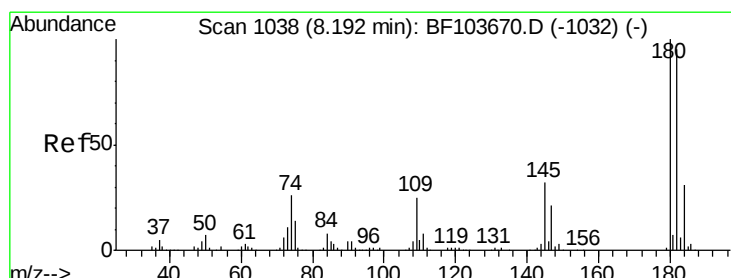
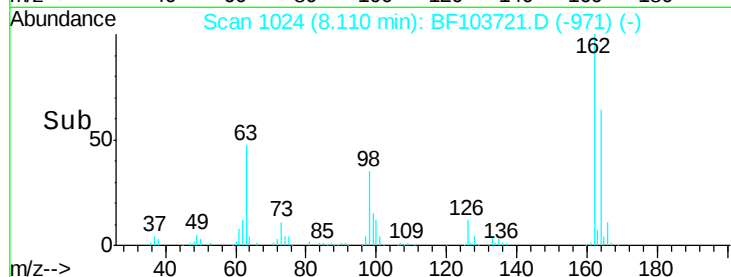
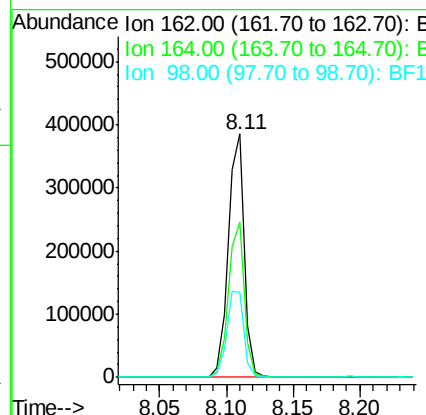
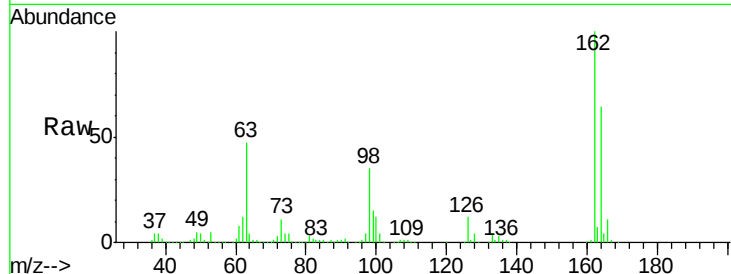
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	327642		
164	63.8	42.7	82.7	
98	35.0	18.1	58.1	

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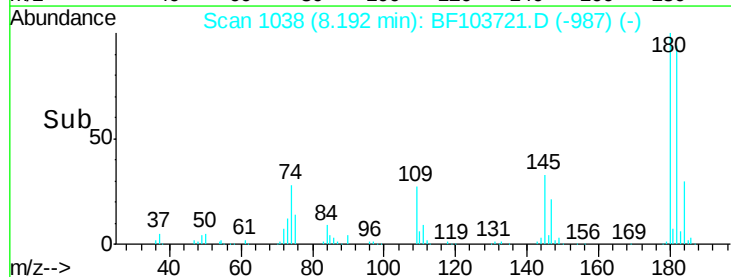
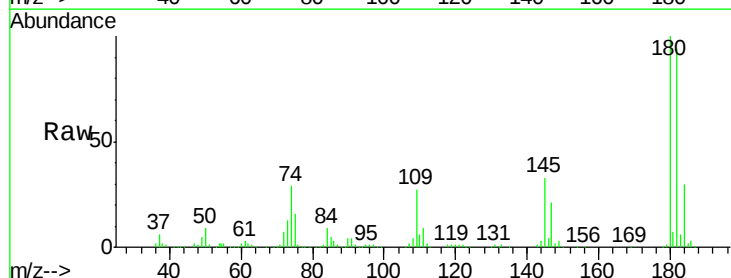
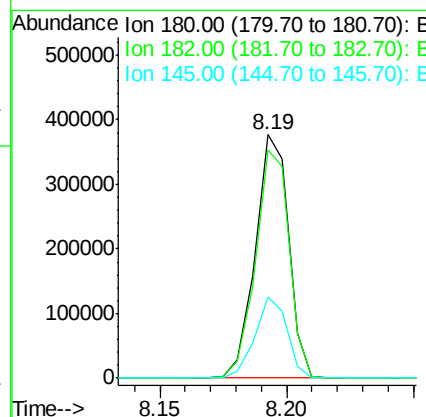
Sohil

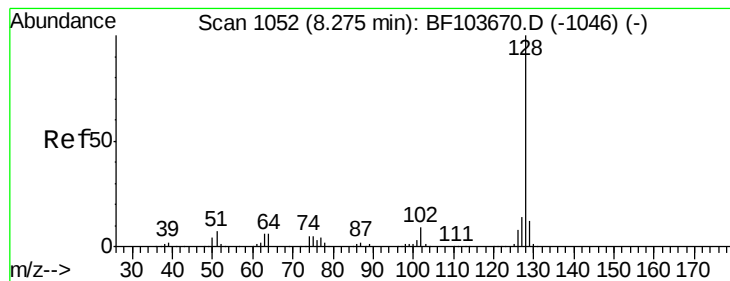
3/19/2018 2:02:58 PM



#30
1,2,4-Trichlorobenzene
Concen: 34.273 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	343802		
182	93.5	76.8	115.2	
145	33.3	26.5	39.7	





#31

Naphthalene

Concen: 34.210 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

P002-S001-0001-01MS

Tot Ion:128 Resp: 1155194

Ion Ratio Lower Upper

128 100

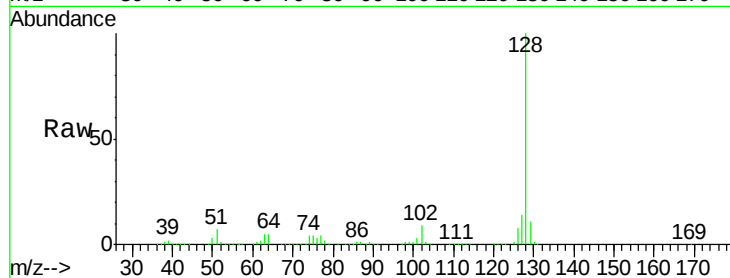
129 11.2 8.8 13.2

127 13.8 10.9 16.3

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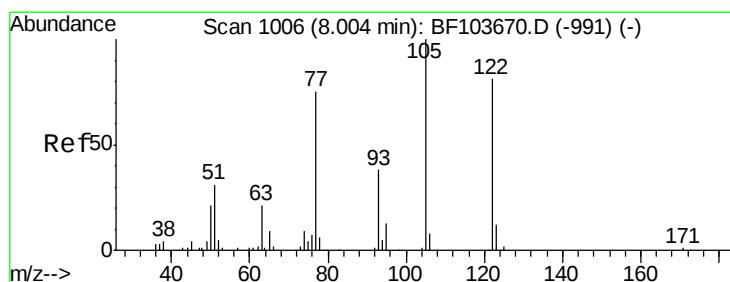
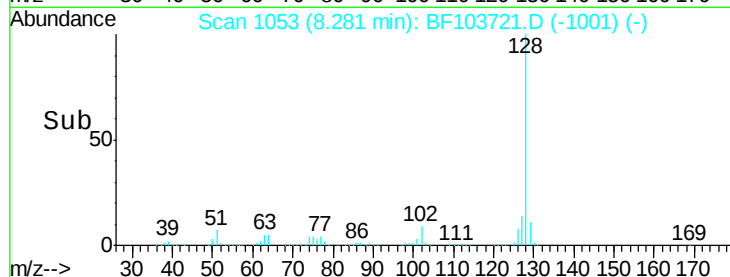
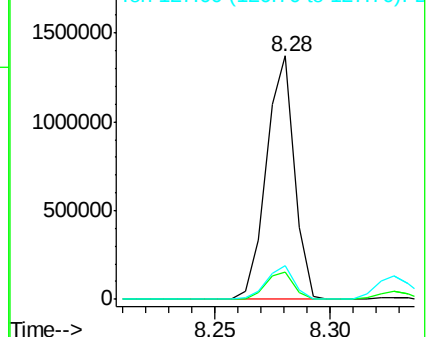
3/19/2018 2:02:58 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.824 ng m

RT: 7.95 min Scan# 996

Delta R.T. -0.06 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

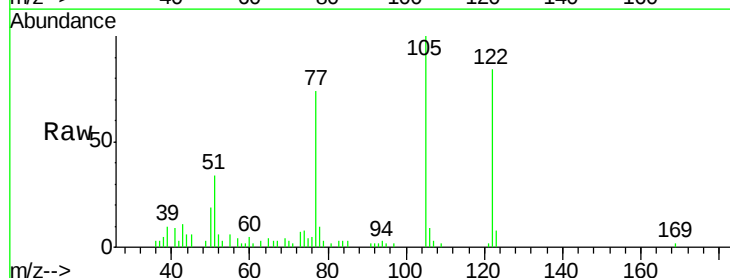
Tgt Ion:122 Resp: 16219

Ion Ratio Lower Upper

122 100

105 118.6 101.1 141.1

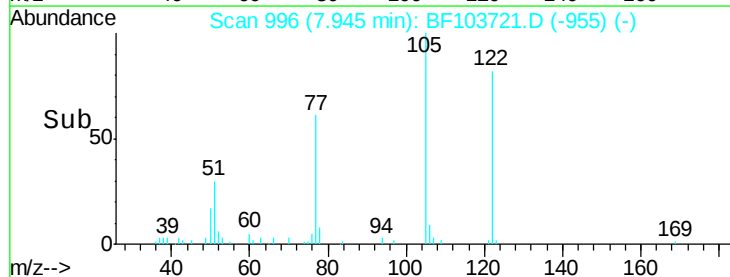
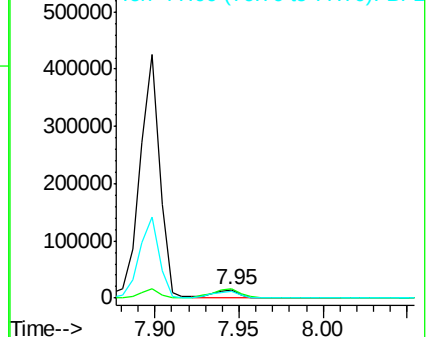
77 88.3 70.7 110.7

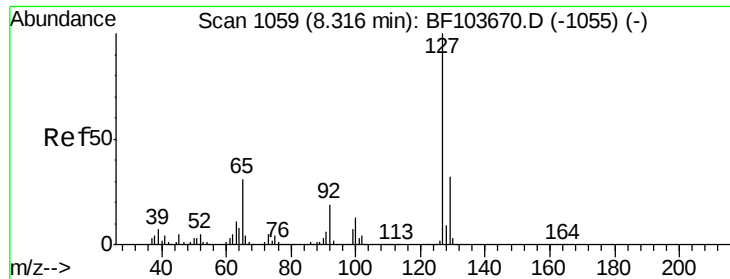


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33
4-Chloroaniline
Concen: 10.841 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

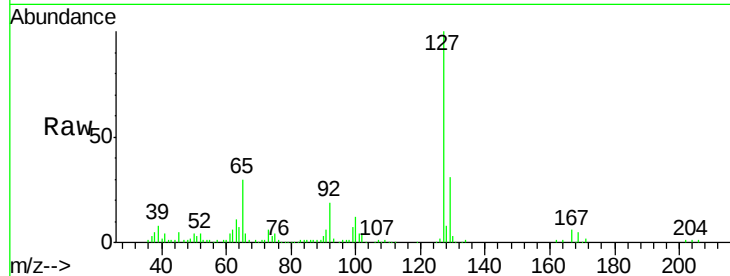
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	25.9	38.9	
65	30.3	25.0	37.4	
92	18.5	15.2	22.8	

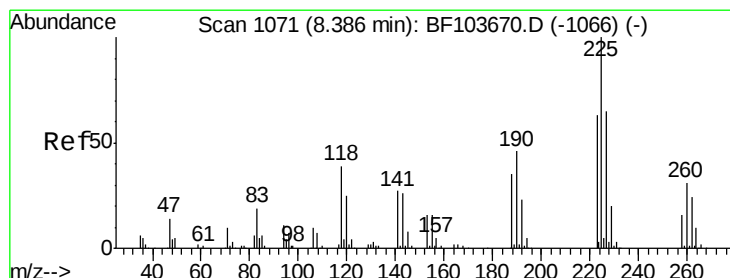
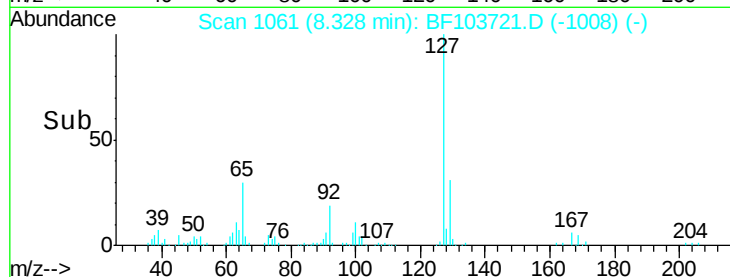
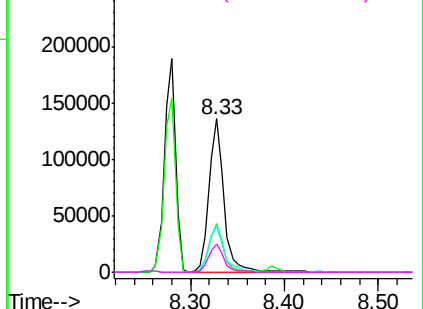
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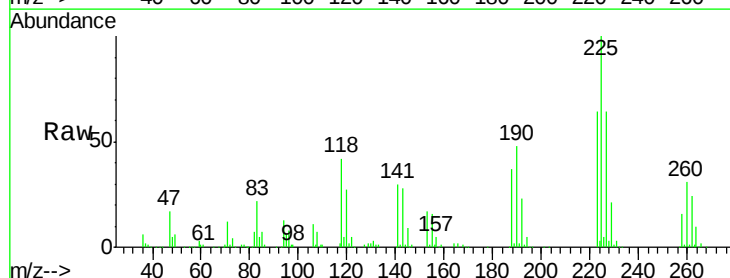


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

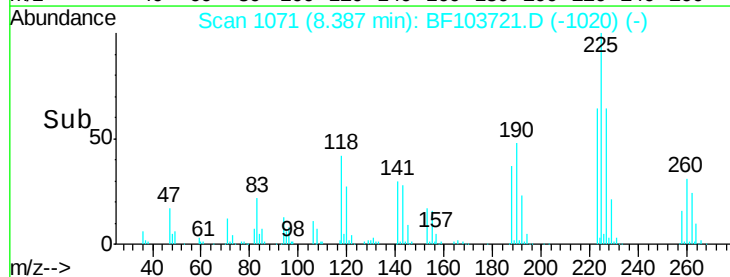
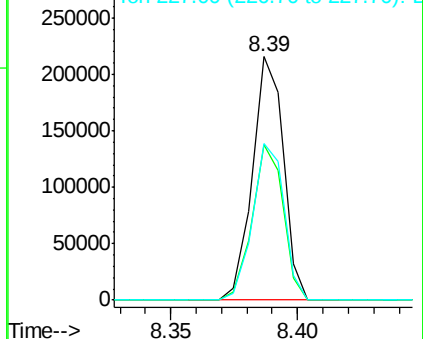


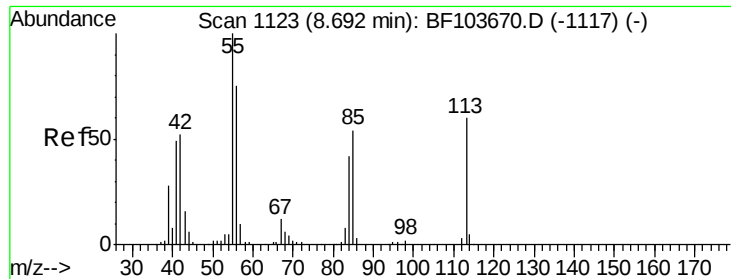
#34
Hexachlorobutadiene
Concen: 33.500 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	50.6	76.0	
227	64.3	51.9	77.9	



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





#35
Caprolactam
Concen: 9.126 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

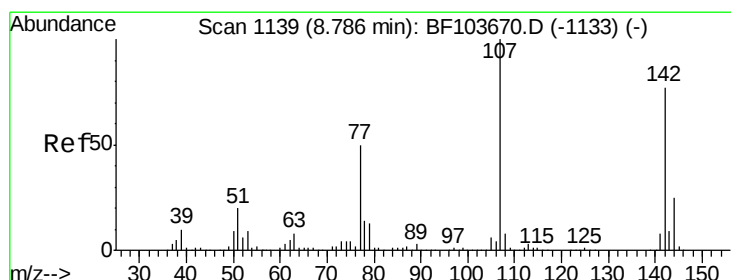
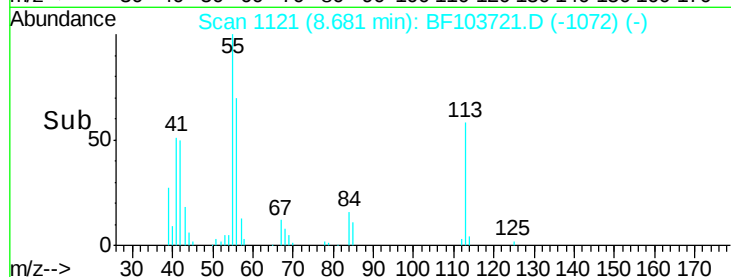
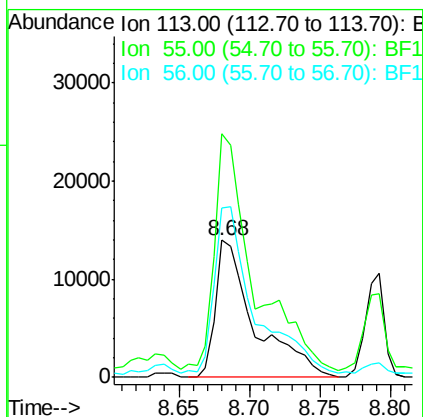
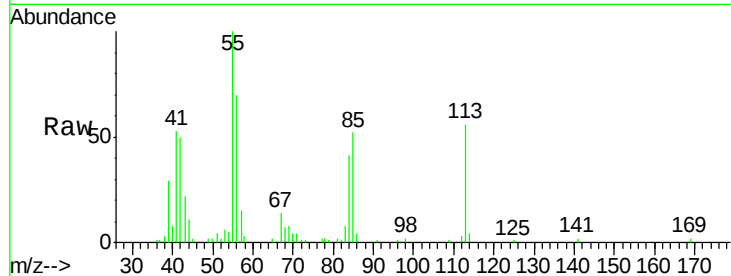
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

Tot Ion:113 Resp: 27179
Ion Ratio Lower Upper
113 100
55 178.0 163.3 203.3
56 123.9 115.7 155.7

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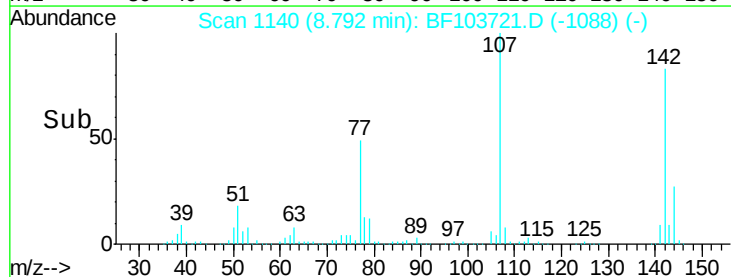
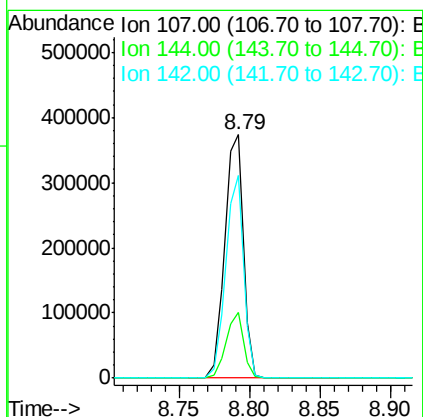
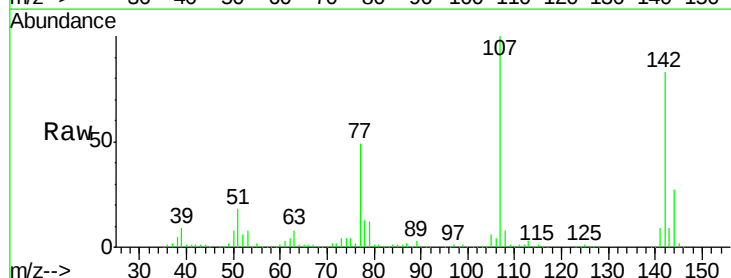
Sohil

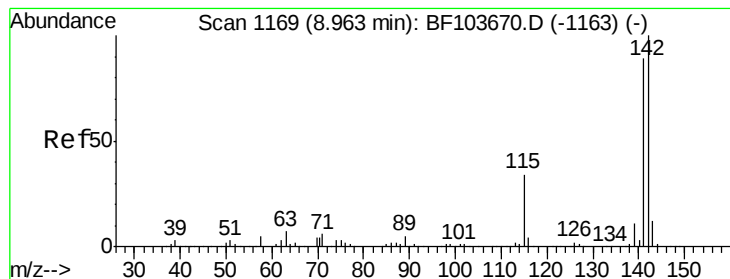
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#36
4-Chloro-3-methylphenol
Concen: 36.153 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion:107 Resp: 344704
Ion Ratio Lower Upper
107 100
144 26.9 20.5 30.7
142 83.4 62.0 93.0





#37
2-Methylnaphthalene
Concen: 34.504 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

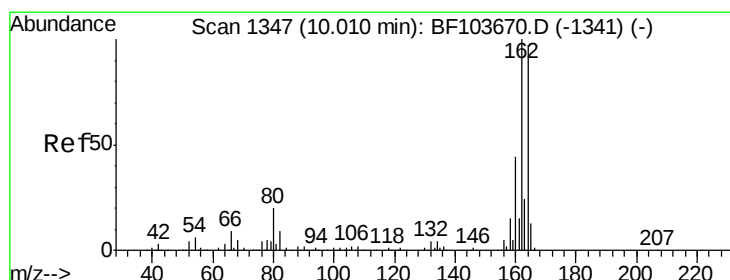
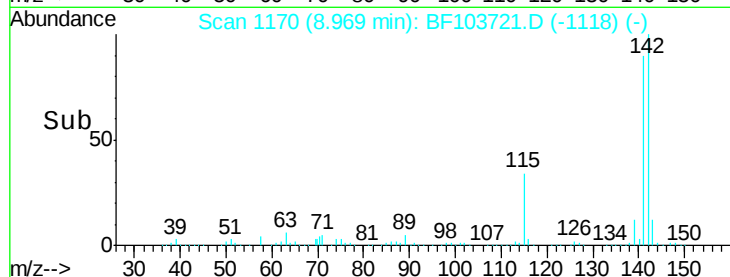
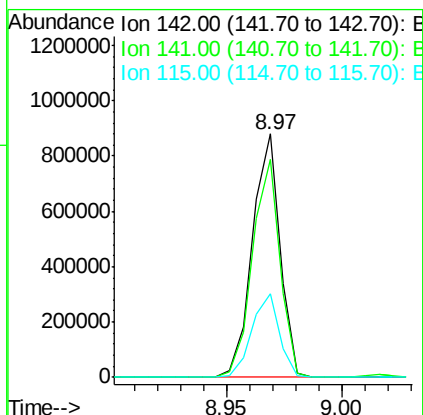
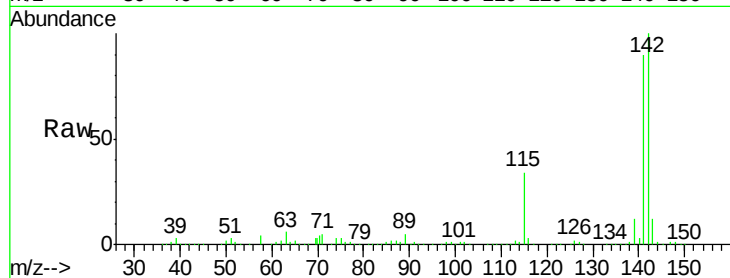
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	34.2	26.1	39.1

Manual Integrations
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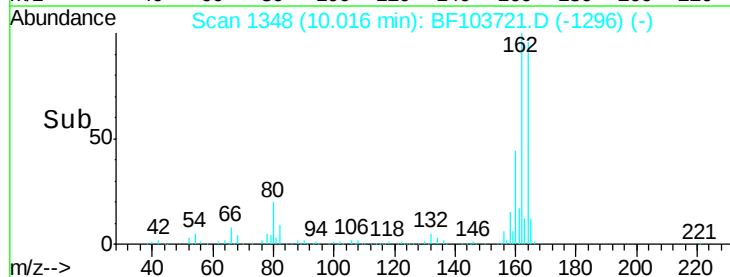
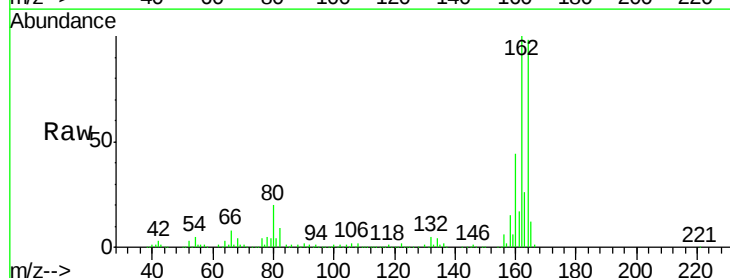
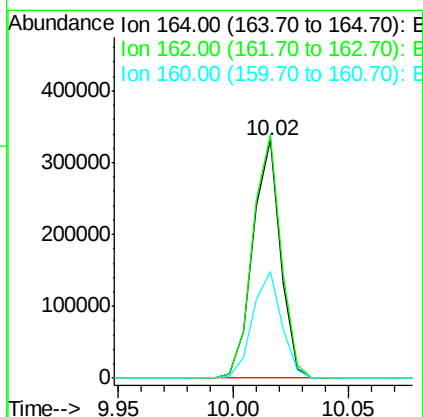
Sohil

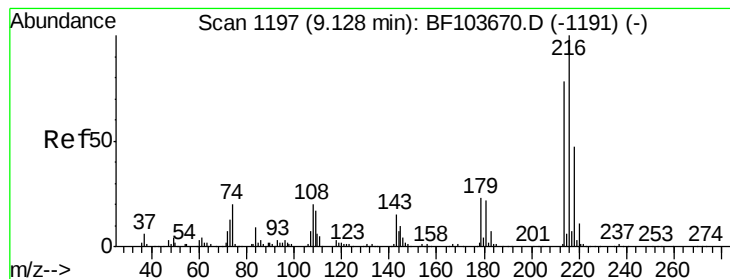
3/19/2018 2:02:58 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	45.0	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.371 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

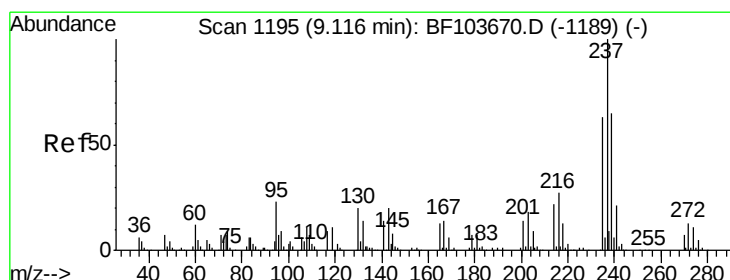
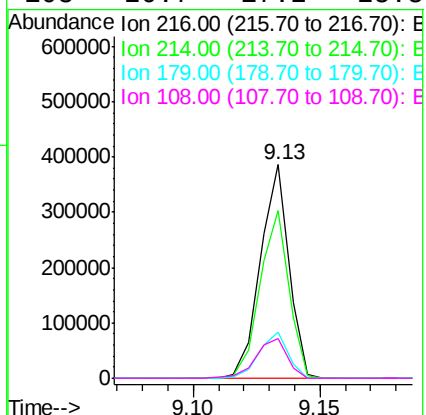
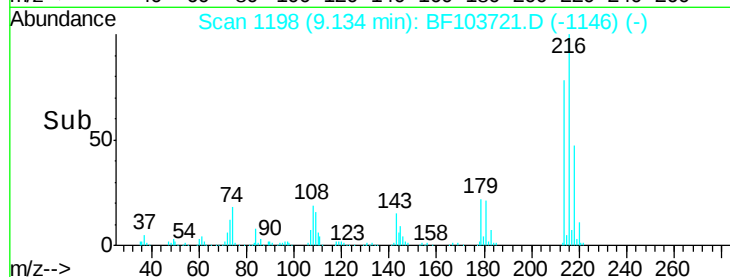
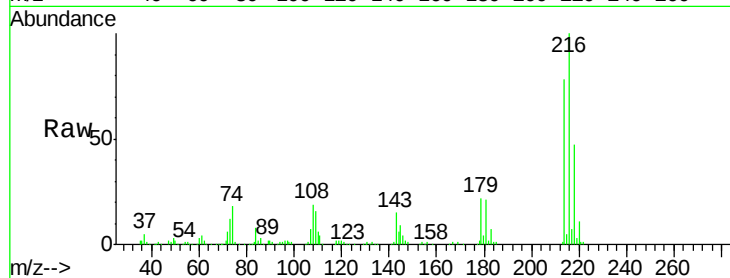
P002-S001-0001-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		305246		
214	79.3		63.0	94.4	
179	22.0		18.1	27.1	
108	20.7		17.2	25.8	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 13.613 ng

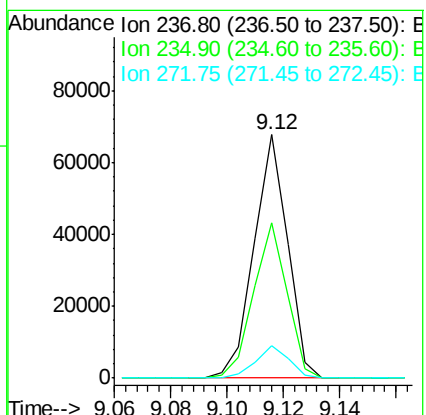
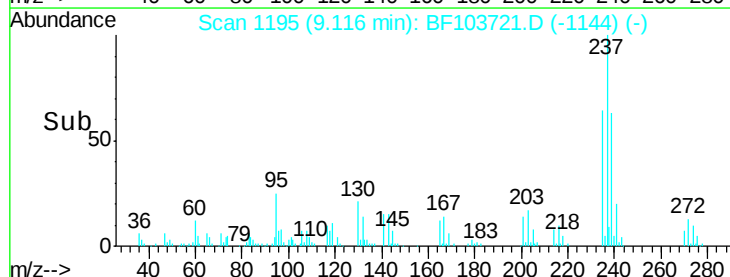
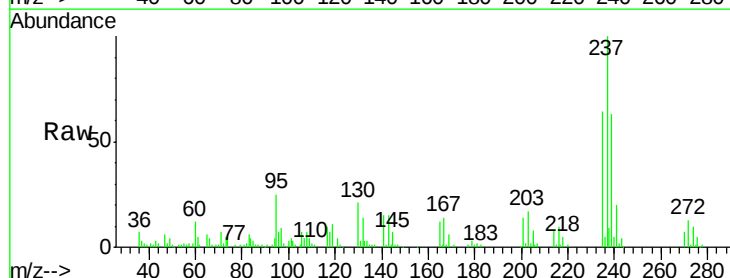
RT: 9.12 min Scan# 1195

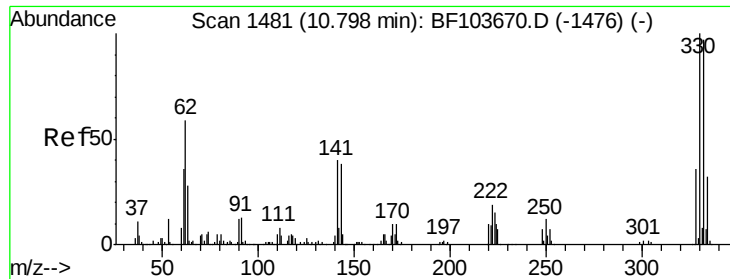
Delta R.T. 0.00 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		55879		
235	63.8		44.8	84.8	
272	13.2		0.0	33.3	





#41
 2,4,6-Tribromophenol
 Concen: 119.033 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

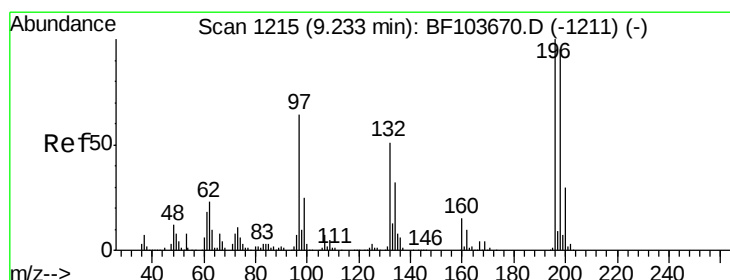
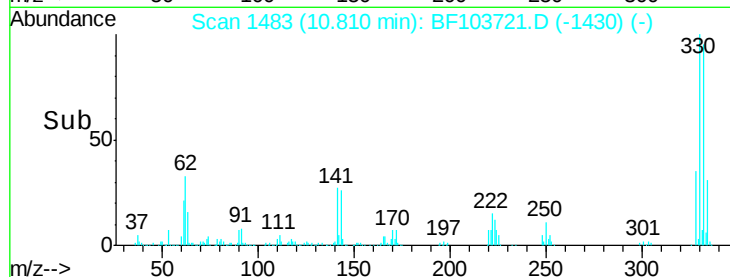
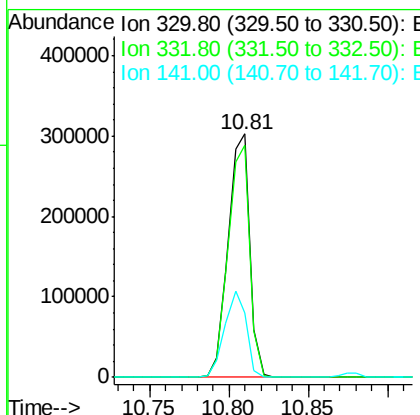
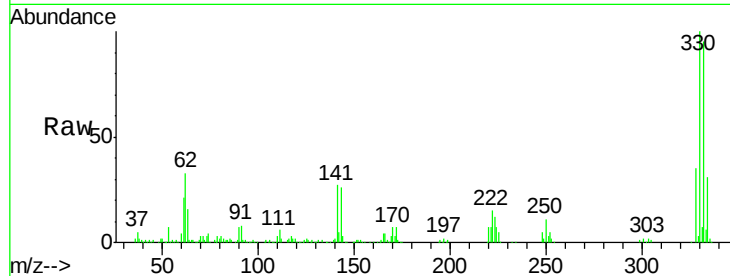
Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	285389		
332	95.9	77.0	115.6	
141	36.0	29.9	44.9	

Manual Integrations
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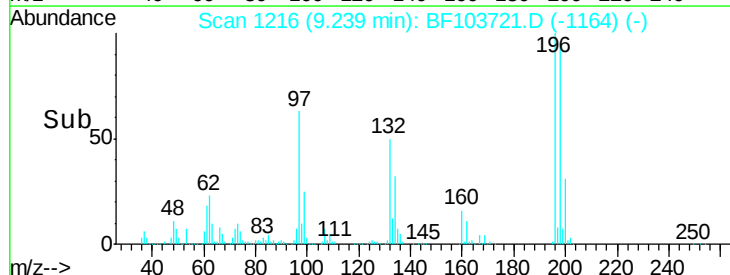
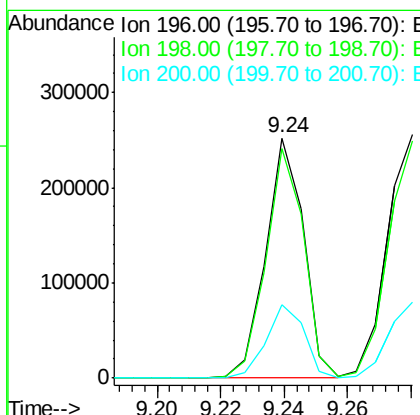
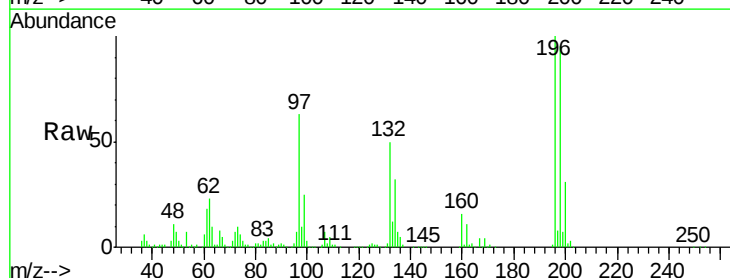
Sohil

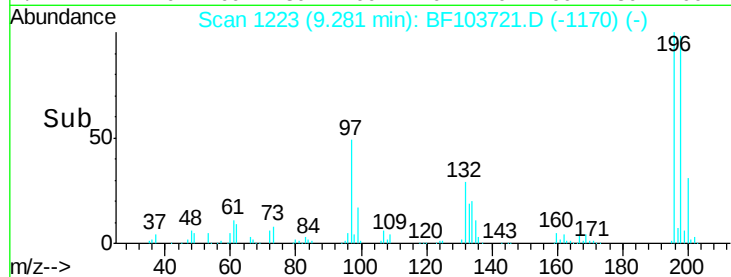
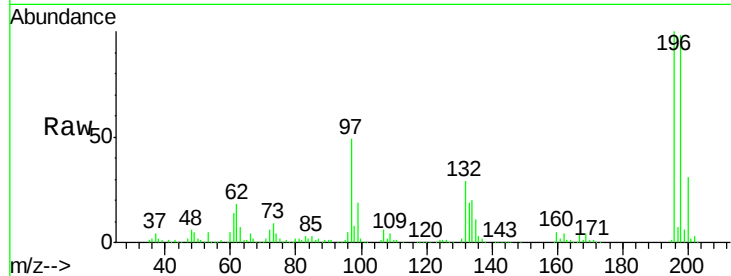
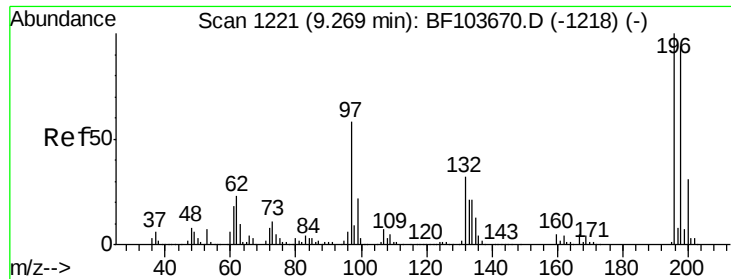
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#42
 2,4,6-Trichlorophenol
 Concen: 41.179 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	209535		
198	95.4	75.7	113.5	
200	30.7	24.5	36.7	





#43
2,4,5-Trichlorophenol
Concen: 37.858 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

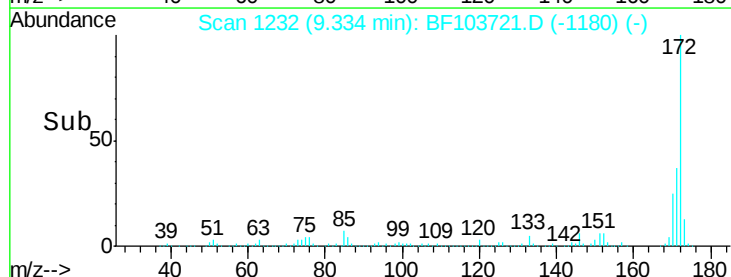
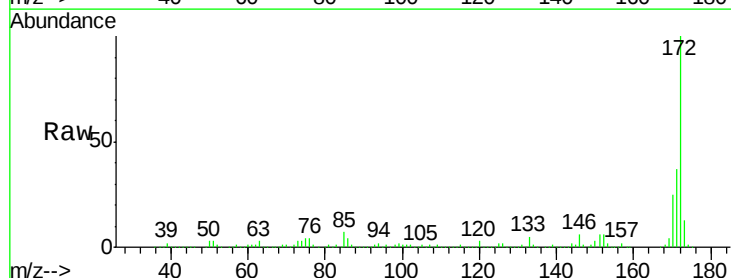
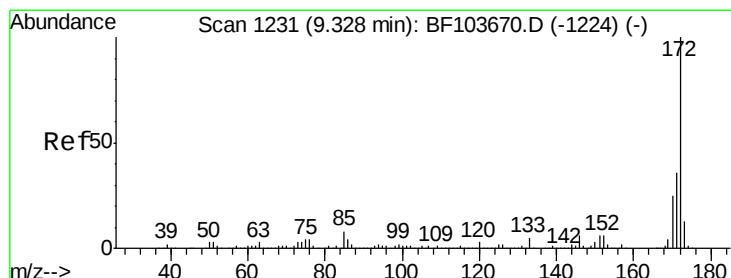
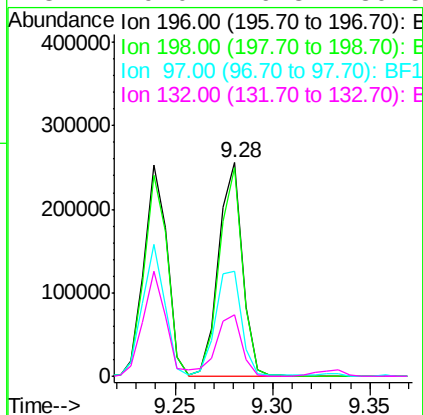
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		217424		
198	97.6	74.6	112.0		
97	49.1	42.9	64.3		
132	29.0	26.3	39.5		

Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

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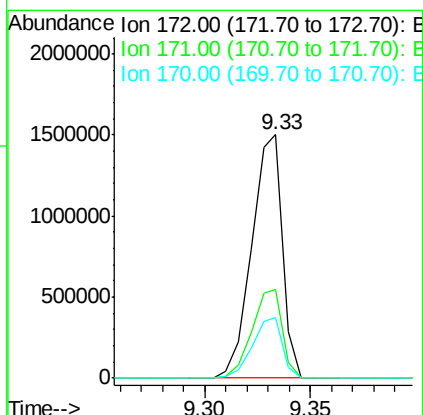
Sohil

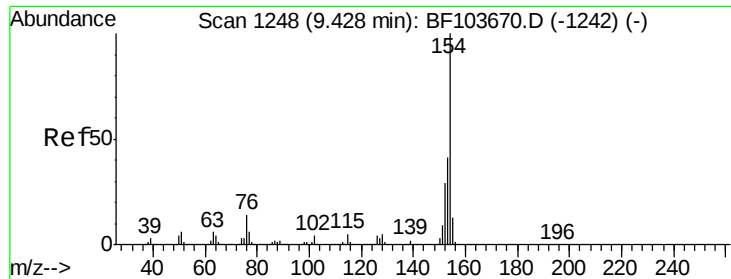
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#44
2-Fluorobiphenyl
Concen: 86.548 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1512953		
171	36.5	29.7	44.5		
170	24.7	19.6	29.4		





#45
 1,1'-Biphenyl
 Concen: 36.531 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

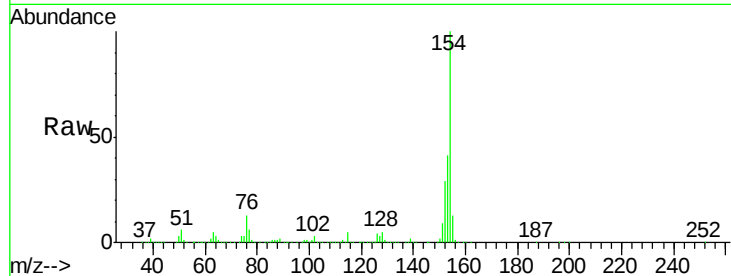
Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	13.1	0.0	34.0

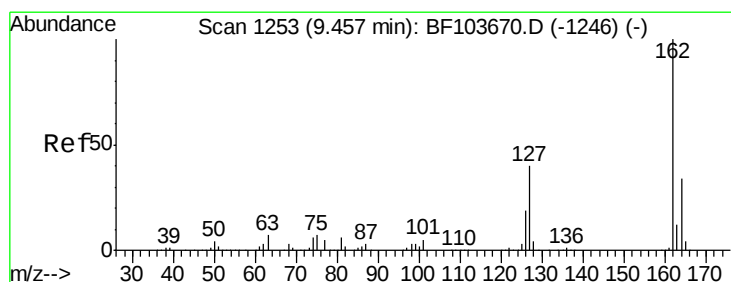
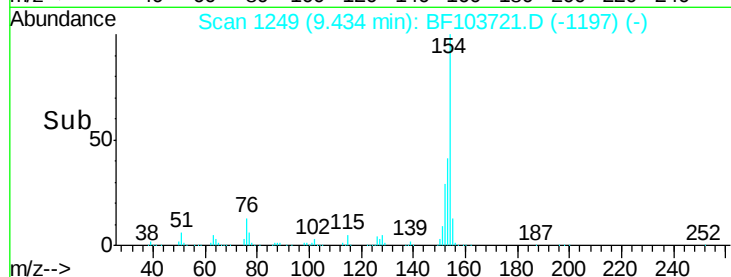
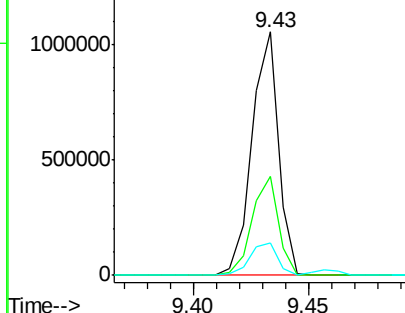
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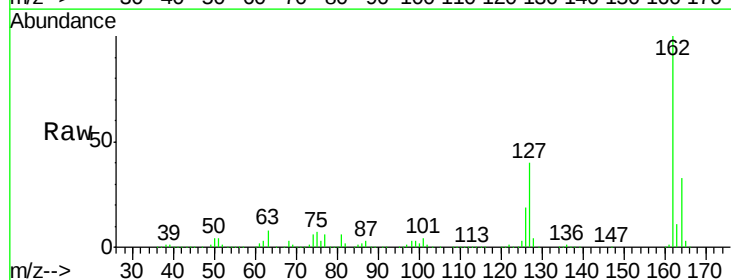


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

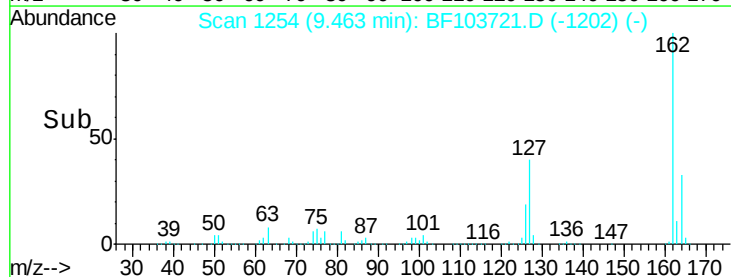
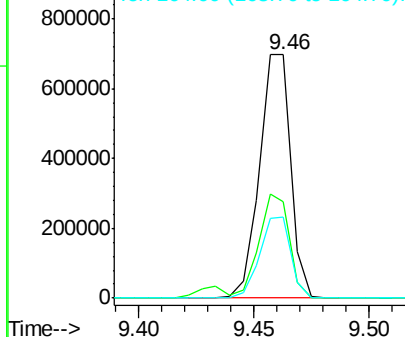


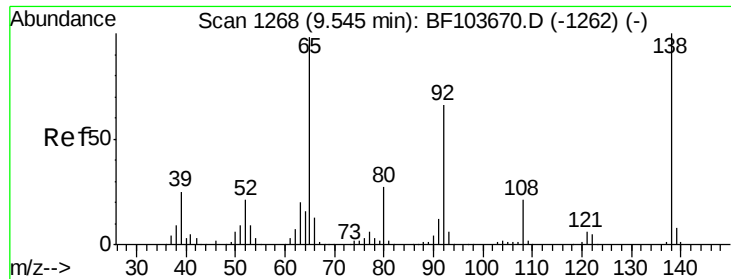
#46
 2-Chloronaphthalene
 Concen: 35.735 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.9	50.9
164	33.2	26.5	39.7



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





#47
2-Nitroaniline
Concen: 45.620 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

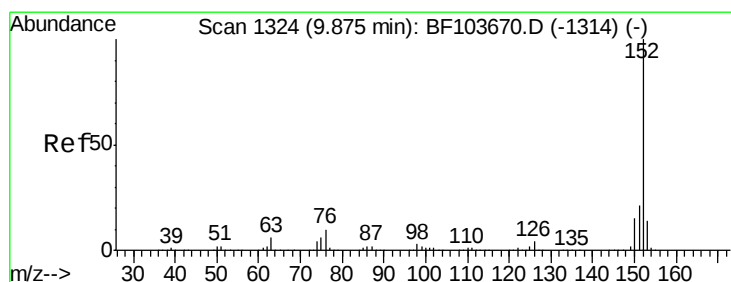
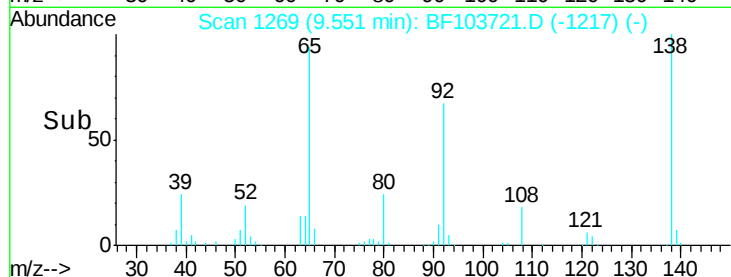
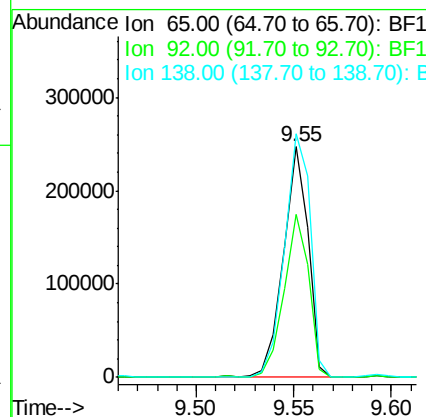
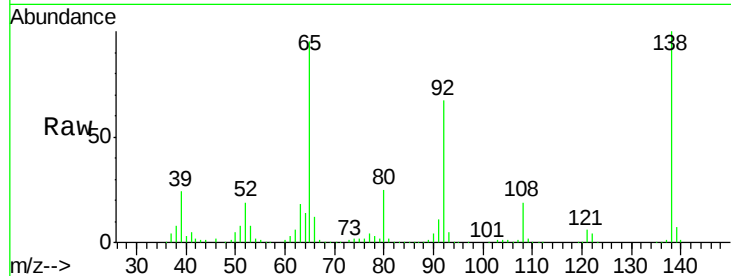
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.6	55.8	83.6
138	105.5	91.2	136.8

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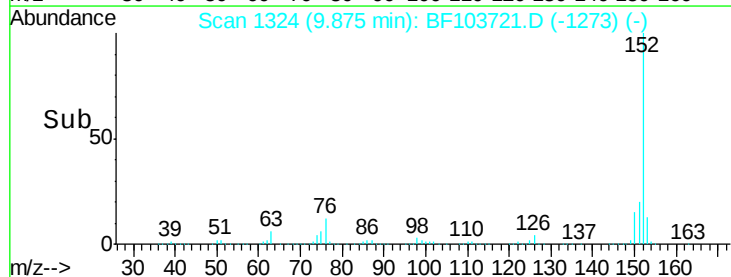
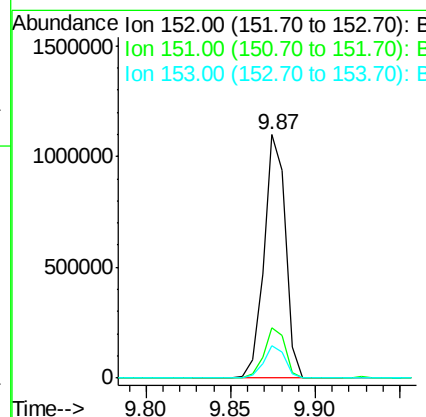
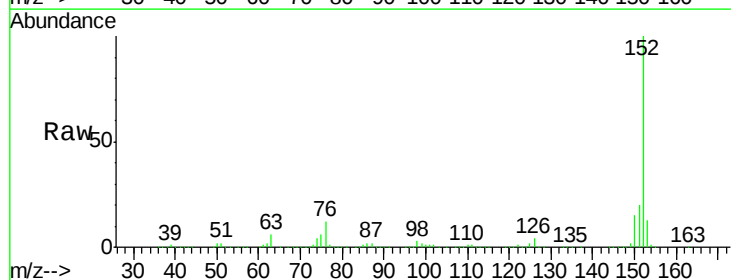
Sohil

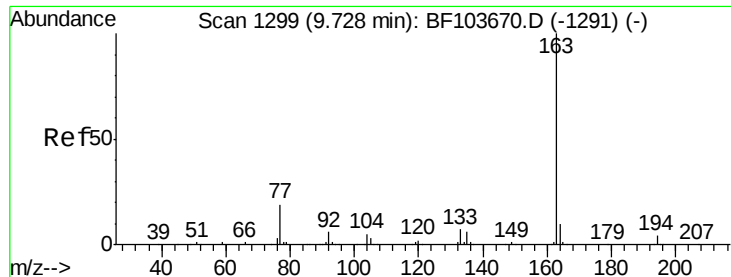
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#48
Acenaphthylene
Concen: 34.003 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.5	10.7	16.1





#49
Dimethylphthalate
Concen: 42.438 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

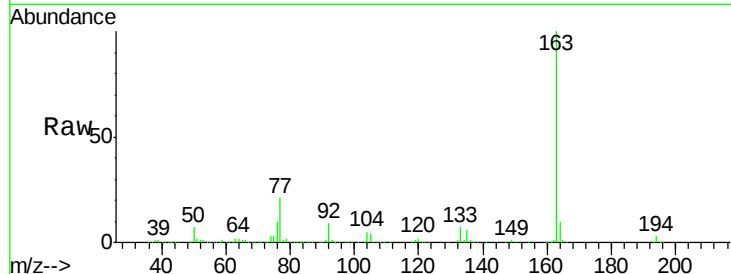
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

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

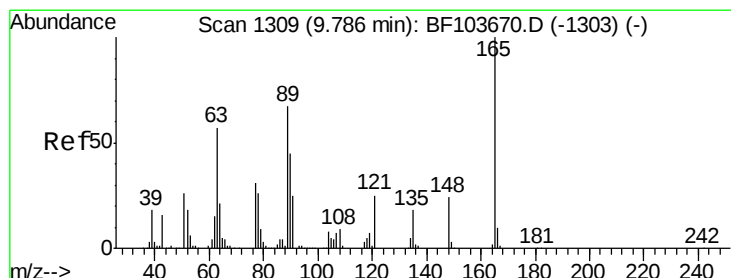
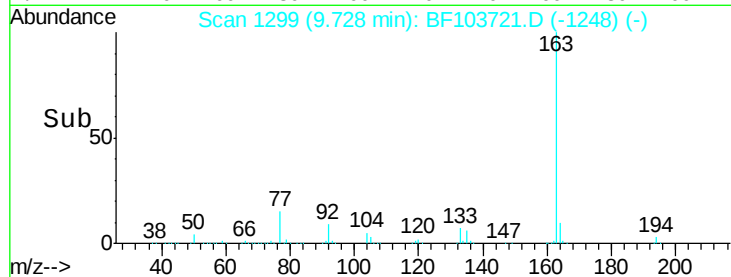
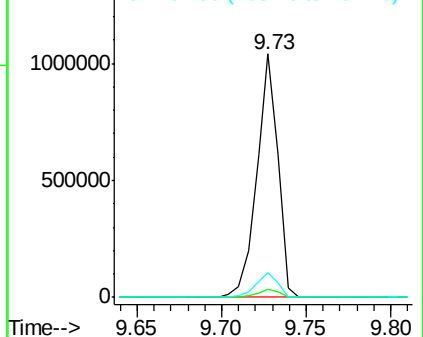
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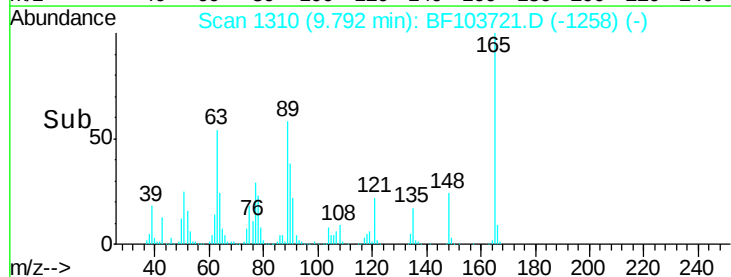
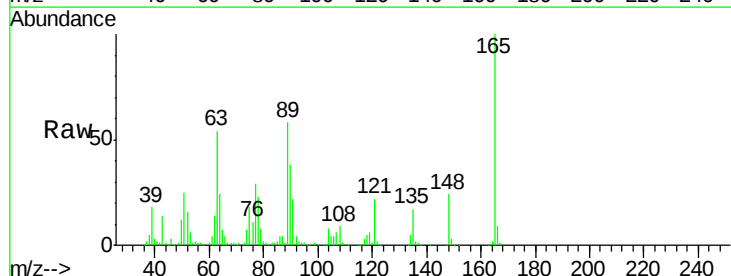
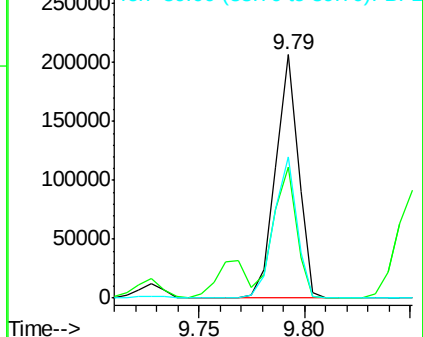
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

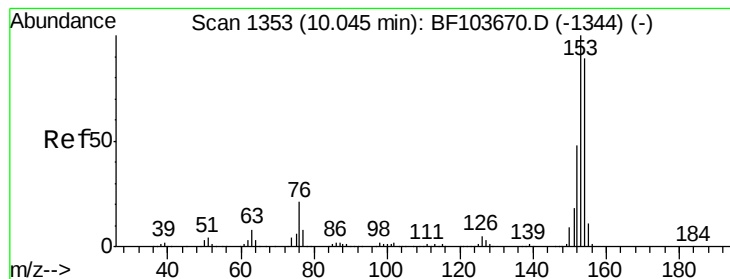


#50
2,6-Dinitrotoluene
Concen: 38.737 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.9	44.7	67.1	
89	57.8	44.0	66.0	

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





#51

Acenaphthene

Concen: 33.381 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

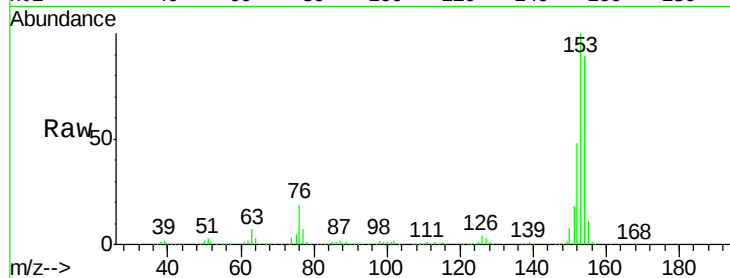
P002-S001-0001-01MS

Tot Ion:	154	Resp:	567631
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.2	136.8
152	54.6	43.8	65.8

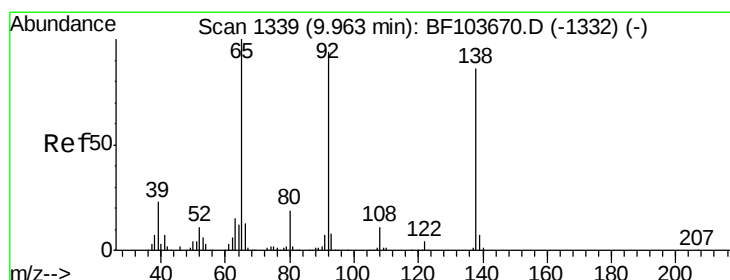
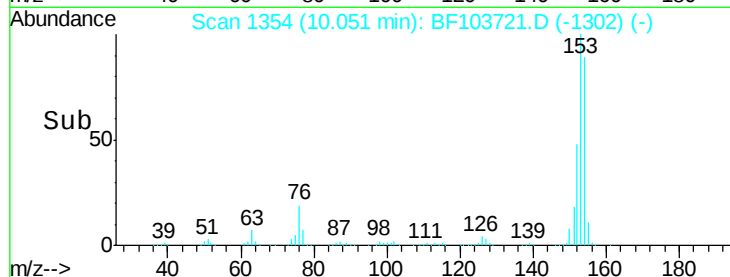
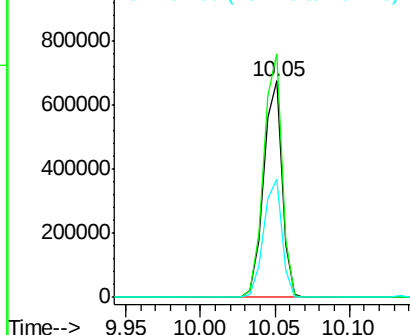
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.888 ng

RT: 9.96 min Scan# 1339

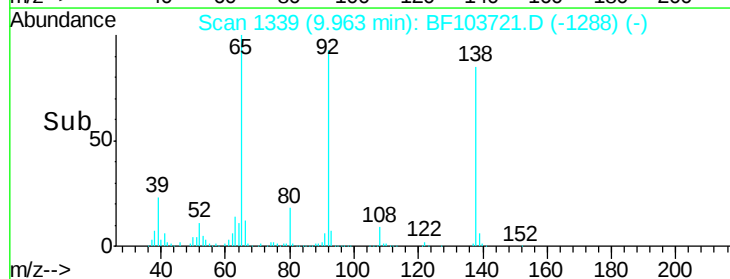
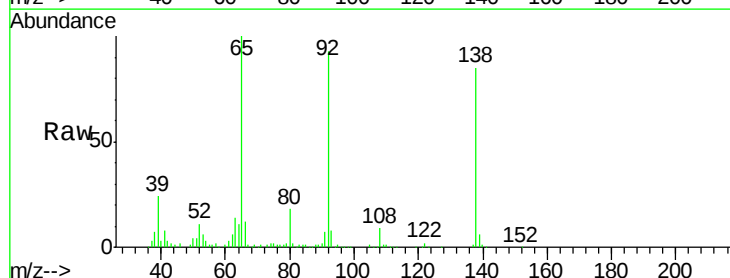
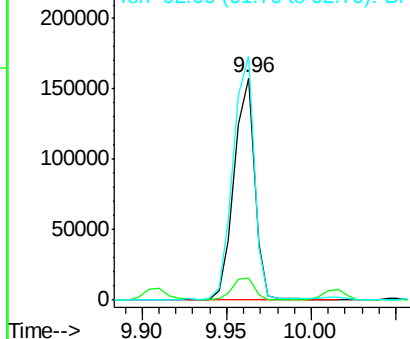
Delta R.T. 0.00 min

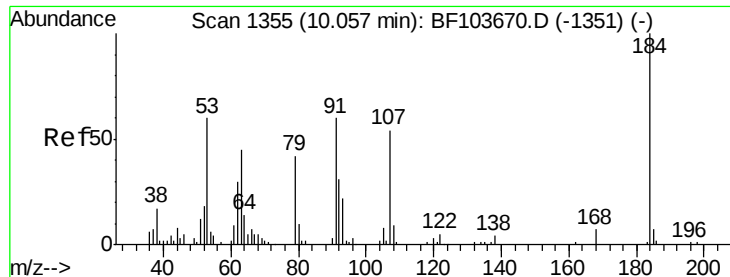
Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Tgt Ion:	138	Resp:	134349
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.4	14.0
92	109.4	89.4	134.2

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





#53
2,4-Dinitrophenol
Concen: 15.118 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

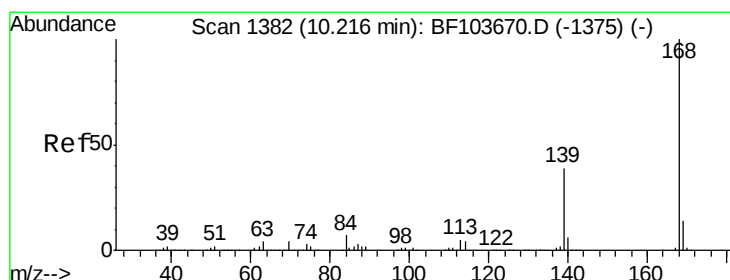
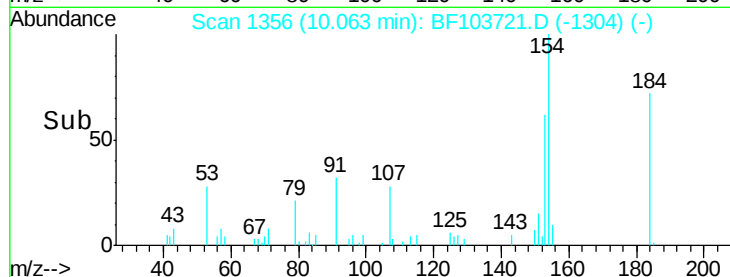
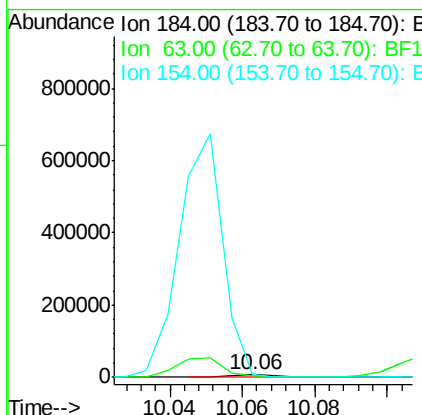
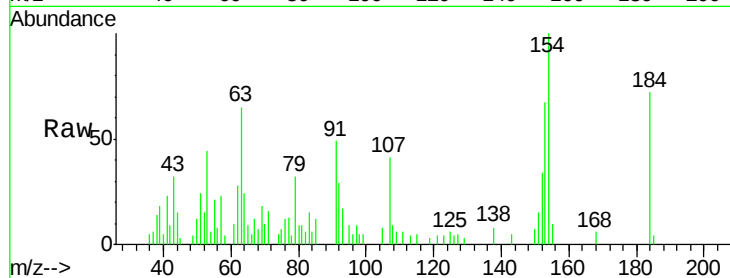
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	90.4	54.2	81.2#
154	138.4	184.0	276.0#

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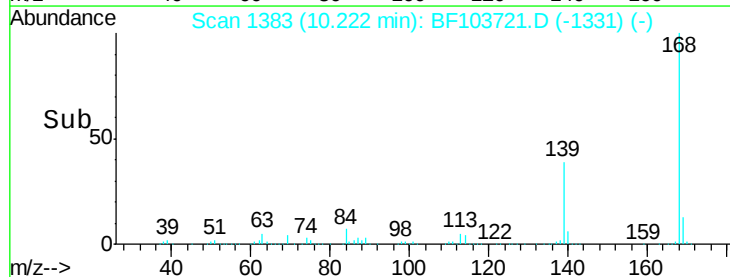
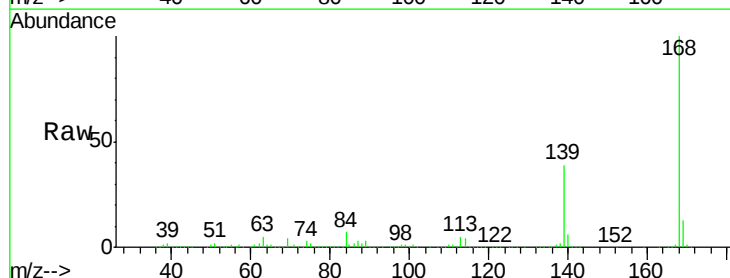
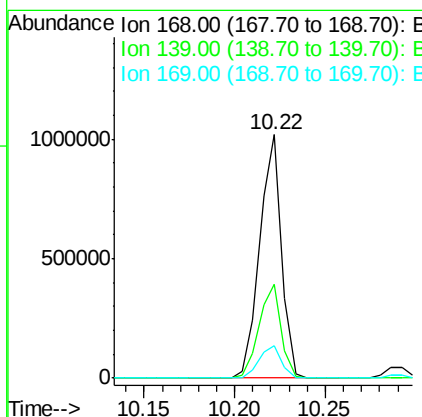
Sohil

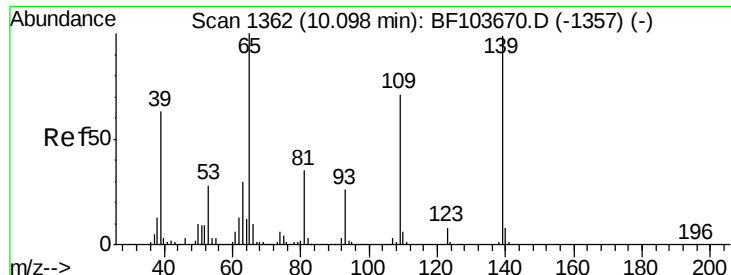
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#54
Dibenzofuran
Concen: 34.992 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.1	45.1
169	13.4	10.9	16.3





#55
4-Nitrophenol
Concen: 63.747 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.02 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

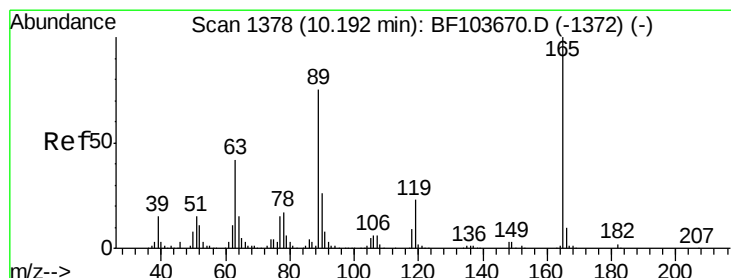
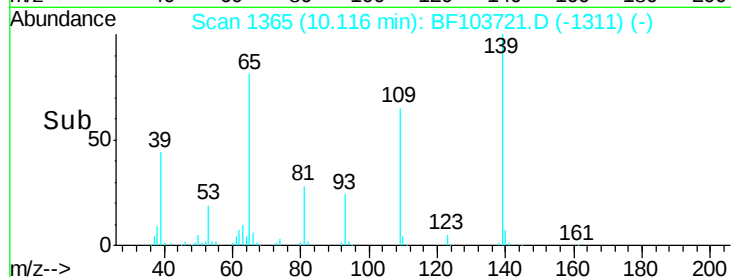
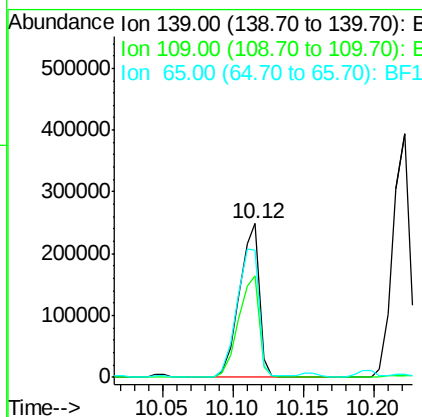
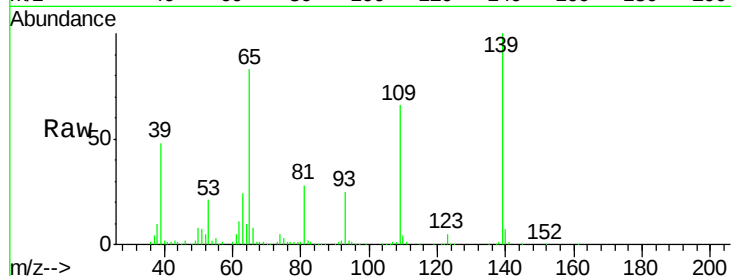
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	244101		
109	65.9	48.4	88.4	
65	83.0	72.6	112.6	

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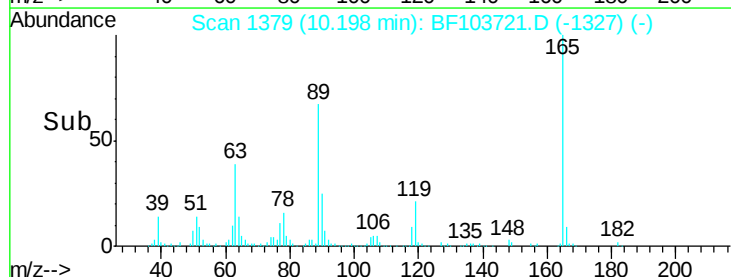
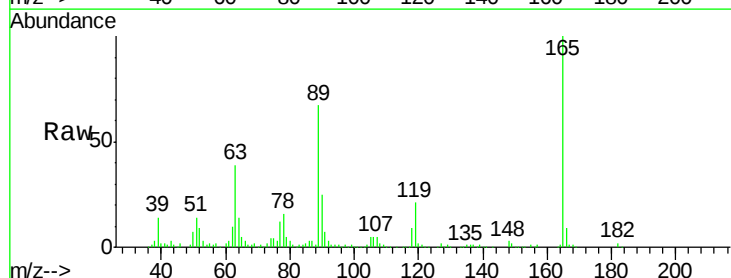
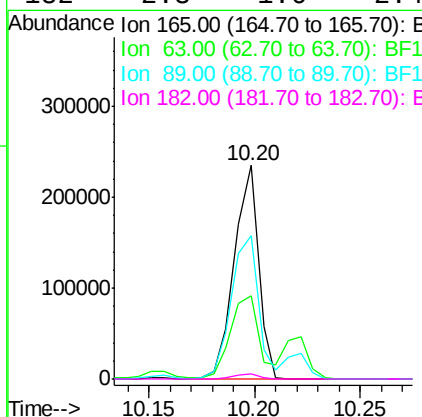
Sohil

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#56
2,4-Dinitrotoluene
Concen: 37.536 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	187597		
63	38.9	36.4	54.6	
89	67.3	57.8	86.6	
182	2.3	1.6	2.4	





#57
 Fluorene
 Concen: 33.304 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

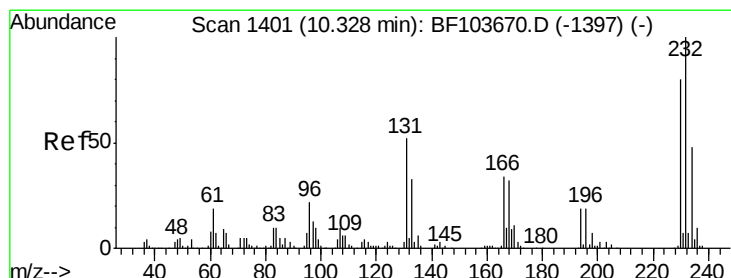
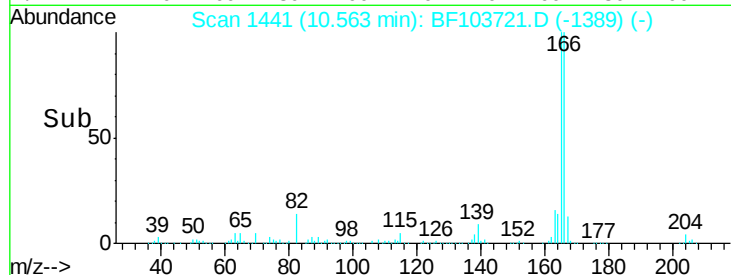
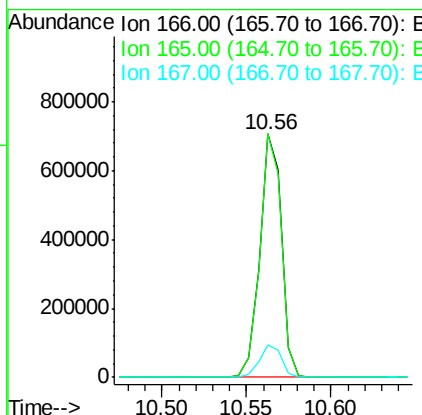
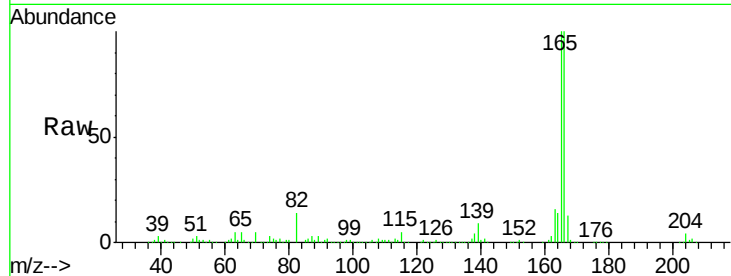
Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.9	79.8	119.8	
167	13.4	10.6	16.0	

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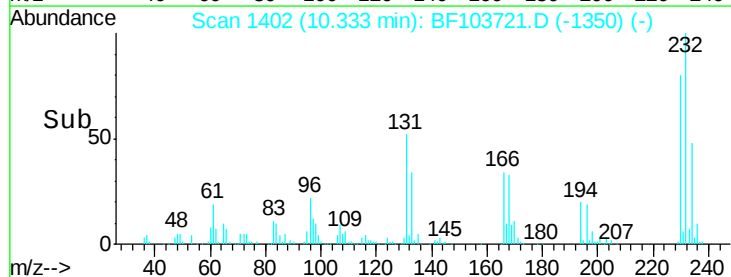
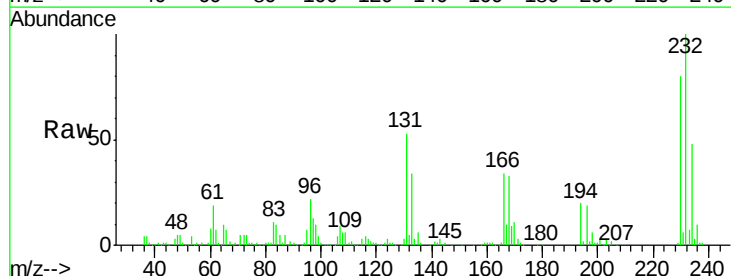
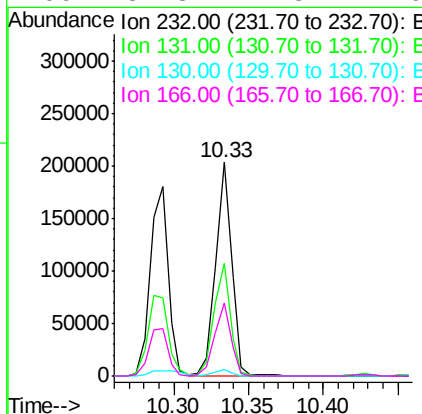
Sohil

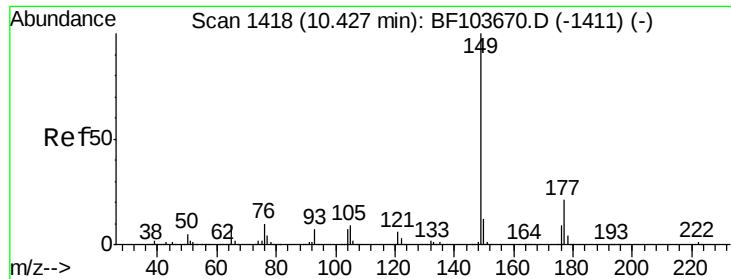
3/19/2018 2:02:58 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.719 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.2	43.8	65.8	
130	2.8	2.1	3.1	
166	34.3	27.8	41.6	





#59
Diethylphthalate
Concen: 35.834 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

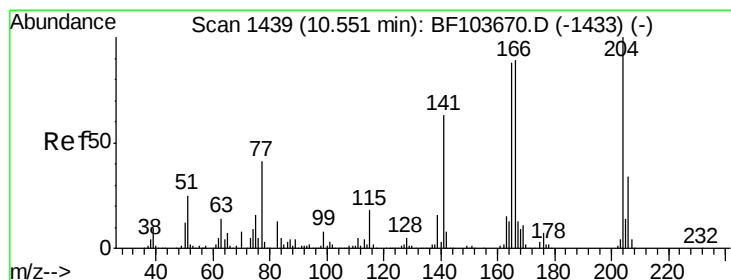
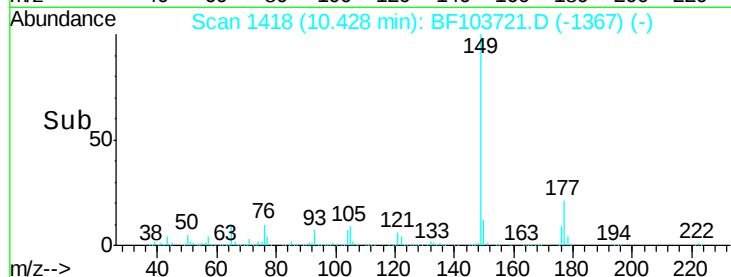
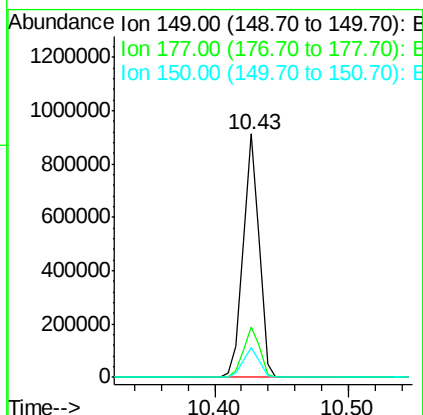
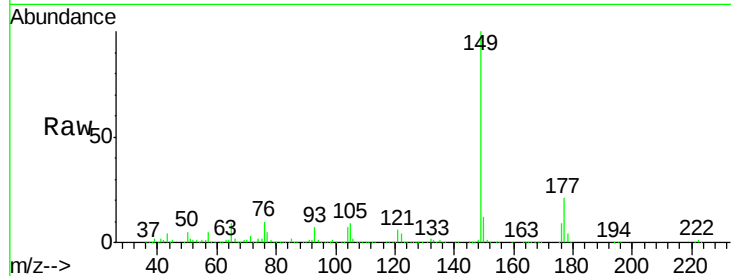
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.1	24.1
150	12.5	10.1	15.1

Manual Integrations
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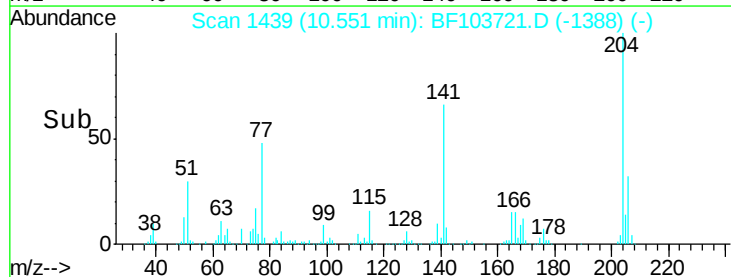
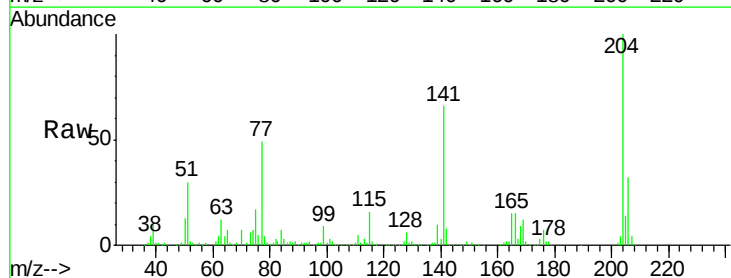
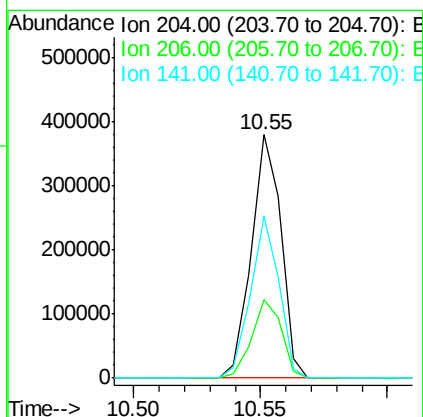
Sohil

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#60
4-Chlorophenyl-phenylether
Concen: 36.001 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.5	39.7
141	66.3	54.6	81.8





#61
4-Nitroaniline
Concen: 31.195 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

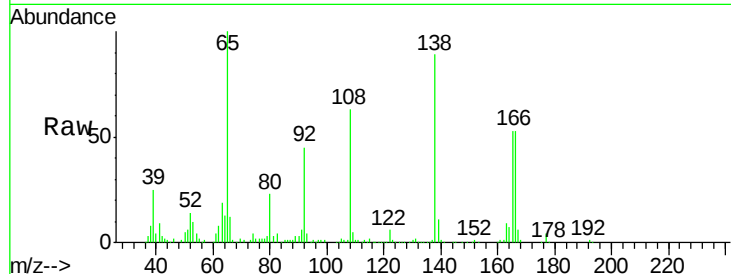
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.9	30.2	70.2
108	70.7	52.5	92.5

Manual Integrations
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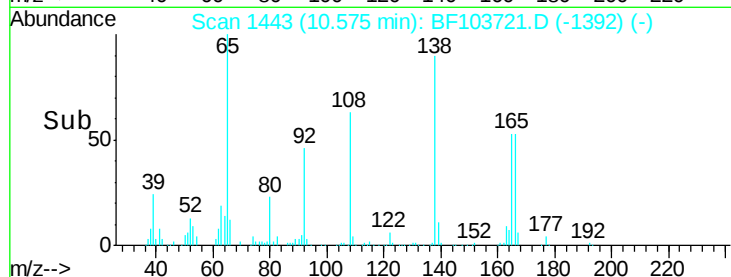
Sohil

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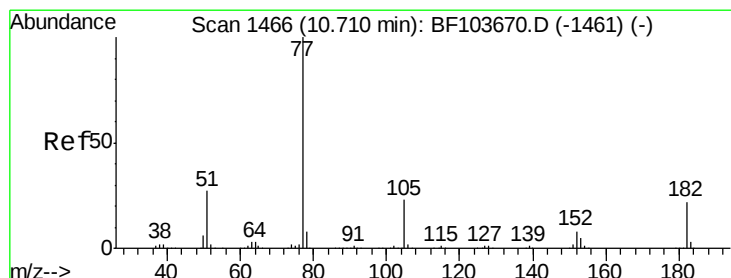


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

10.57

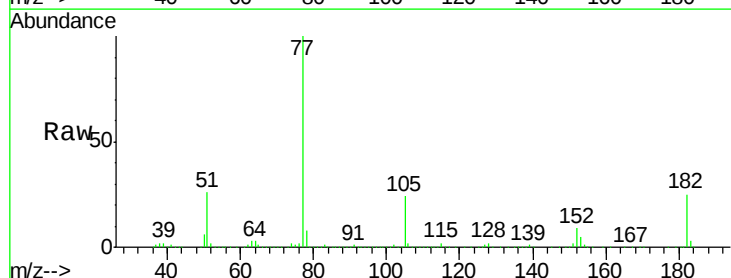


Time-->



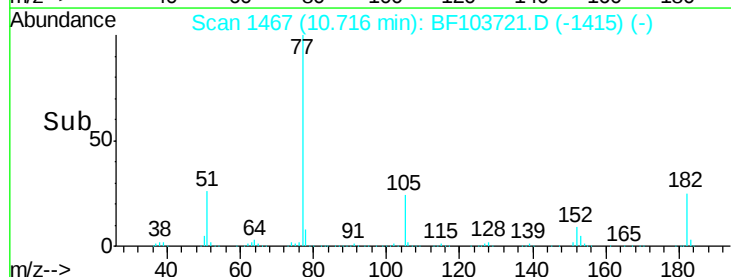
#62
Azobenzene
Concen: 33.122 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.8	1.7	41.7
105	24.1	3.0	43.0
51	26.1	9.9	49.9

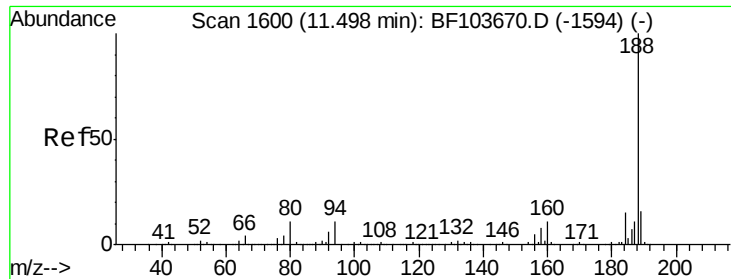


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

10.72



Time-->



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

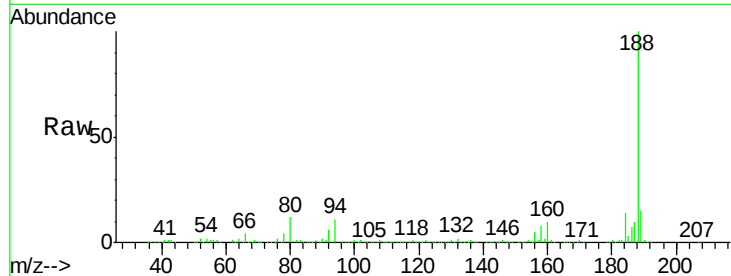
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.0	9.2	13.8

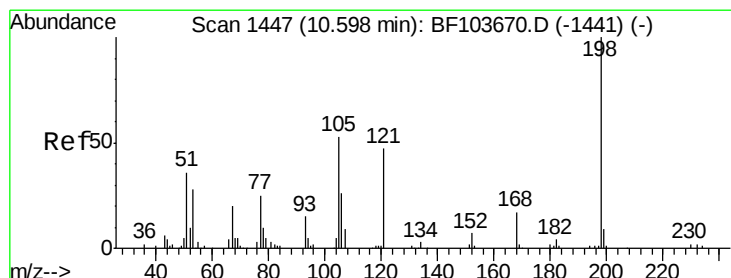
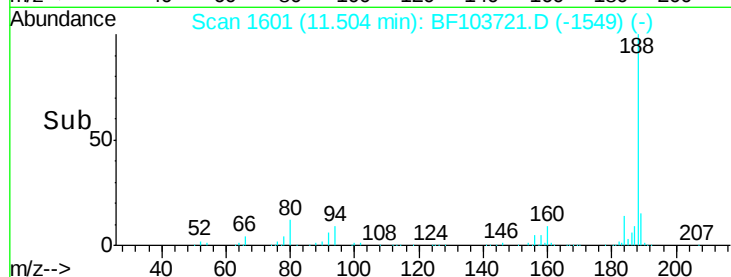
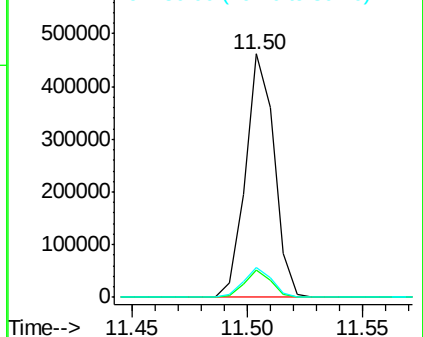
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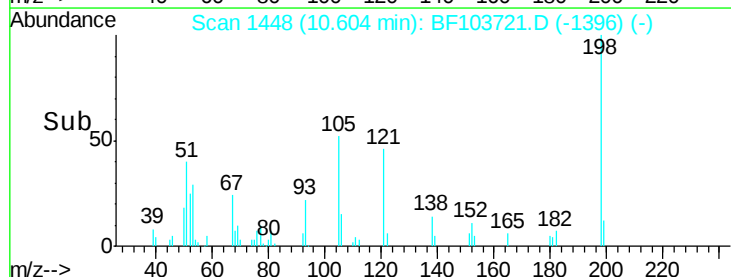
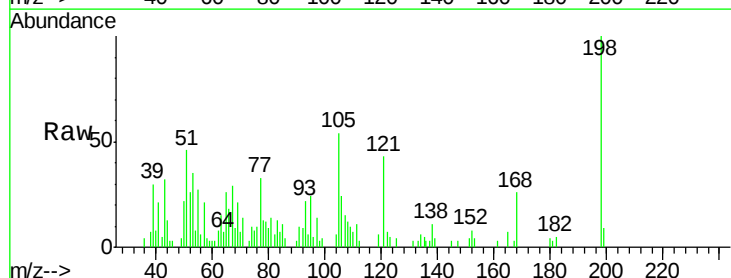
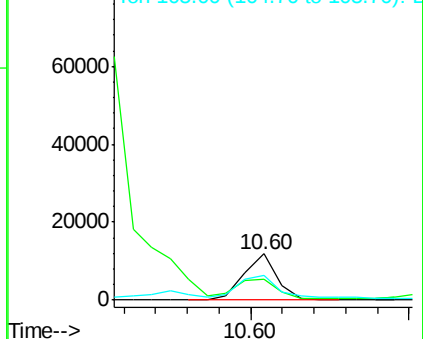
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



#64
4,6-Dinitro-2-methylphenol
Concen: 14.234 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	46.3	37.7	77.7
105	53.6	36.3	76.3

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





#65
n-Nitrosodiphenylamine
Concen: 41.303 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

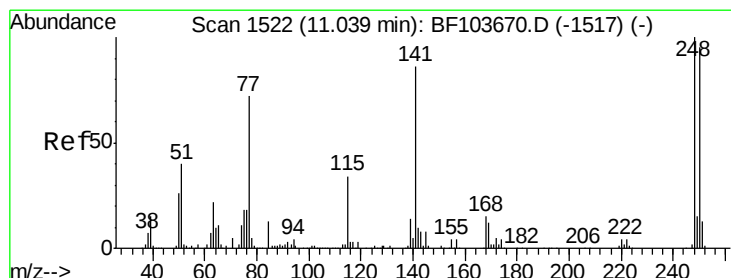
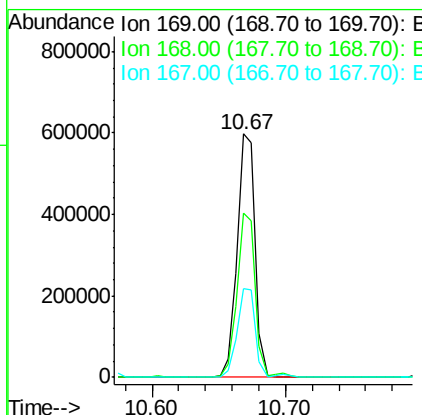
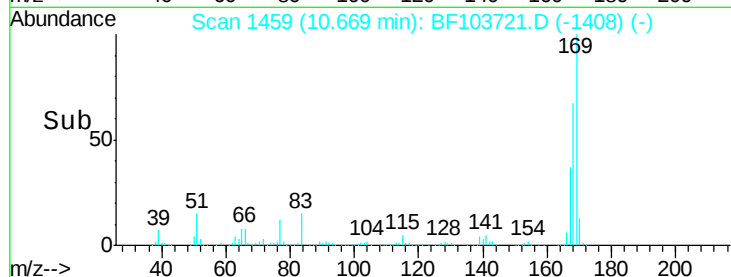
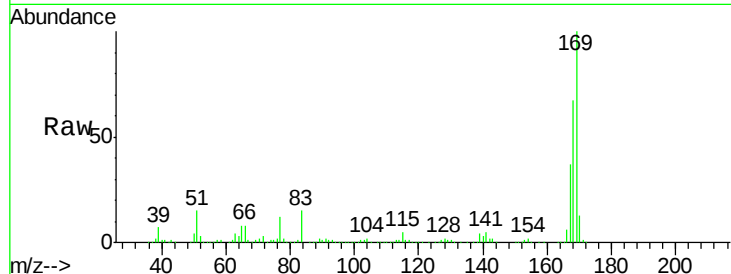
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100				
168	67.4	54.4		81.6	
167	36.5	29.8		44.6	

Manual Integrations
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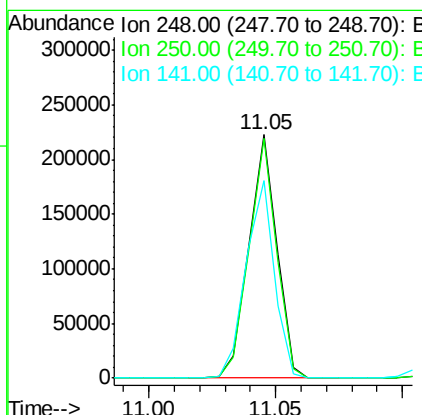
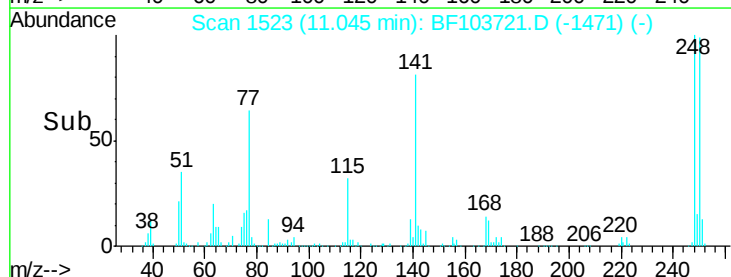
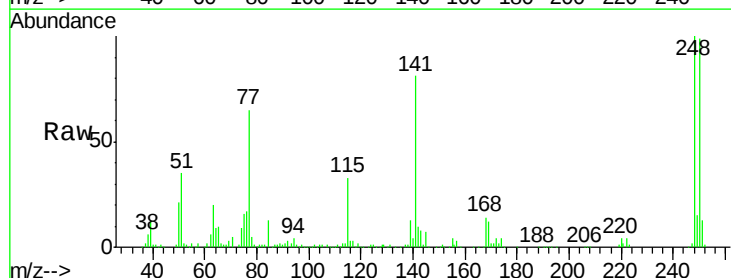
Sohil

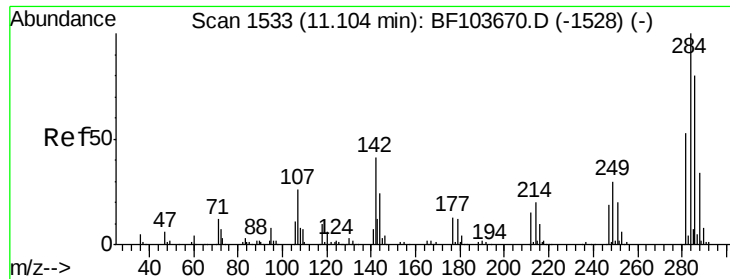
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#66
4-Bromophenyl-phenylether
Concen: 41.636 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100				
250	98.6	76.9		115.3	
141	81.0	74.4		111.6	





#67
Hexachlorobenzene
Concen: 37.141 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

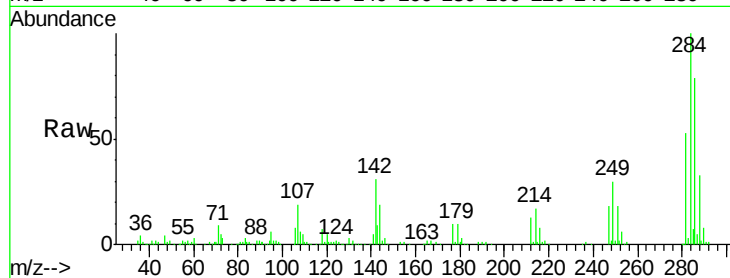
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	174729		
142	30.8	34.6	52.0	
249	29.6	24.8	37.2	

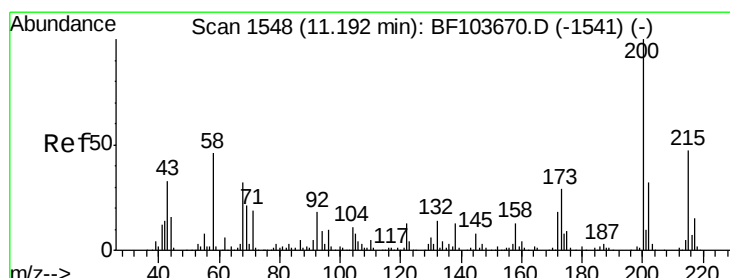
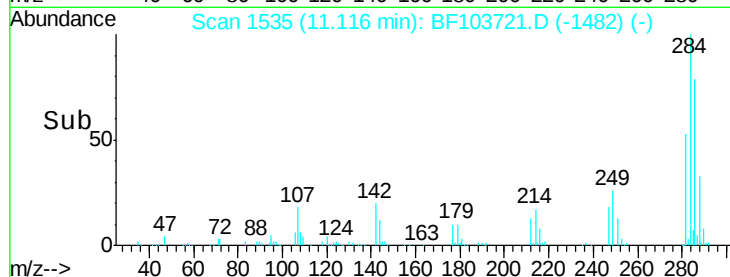
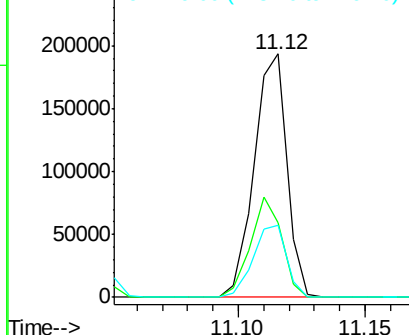
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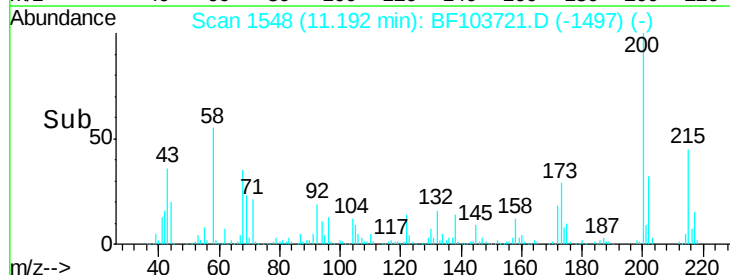
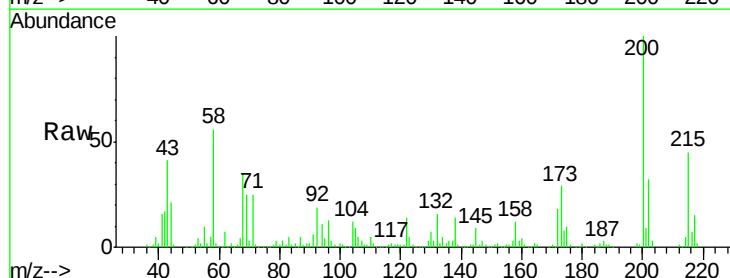
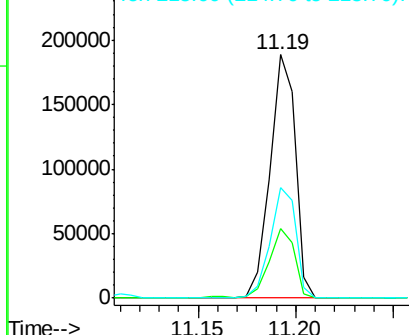
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 40.062 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	169345		
173	28.7	8.6	48.6	
215	45.2	25.1	65.1	

Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69
 Pentachlorophenol
 Concen: 59.331 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

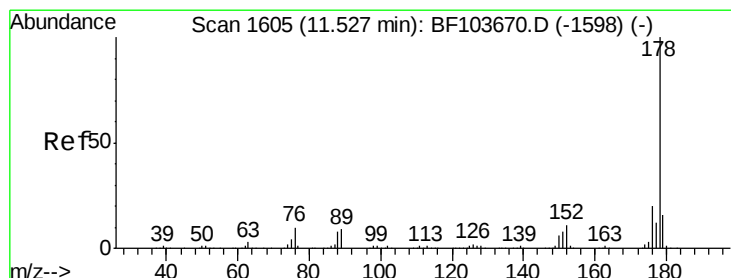
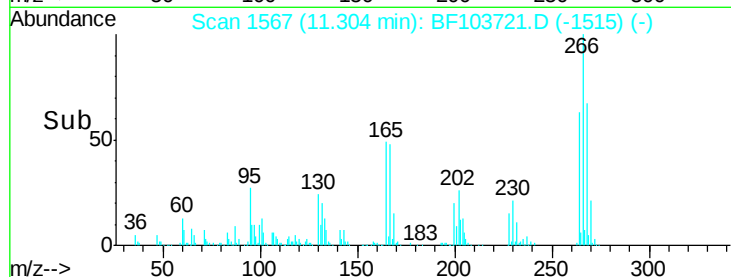
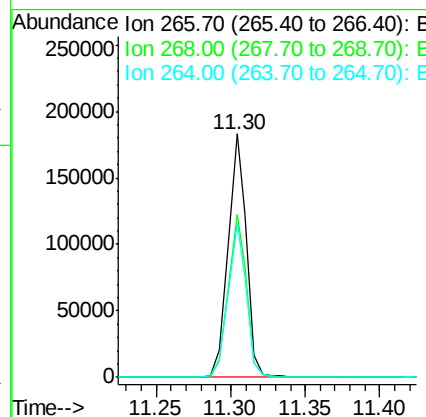
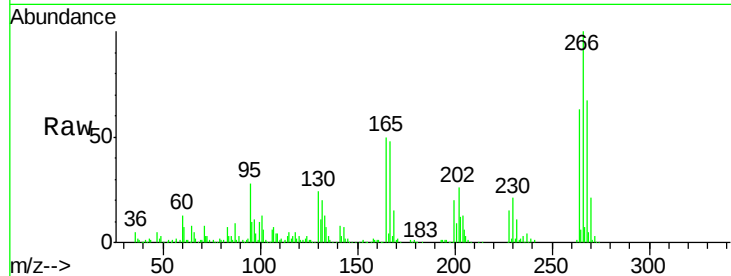
Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	160470		
268	67.2	51.1	76.7	
264	63.4	49.5	74.3	

Manual Integrations
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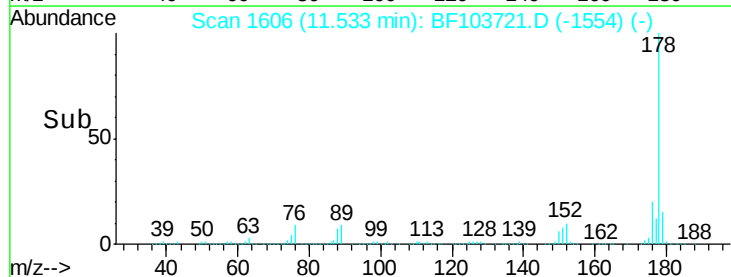
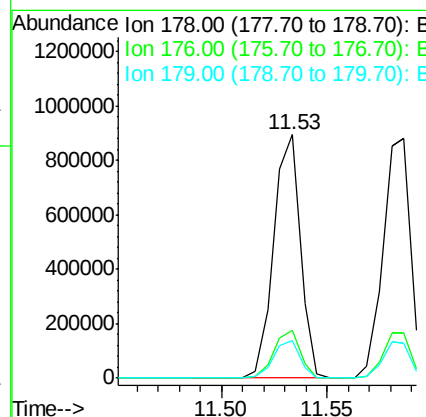
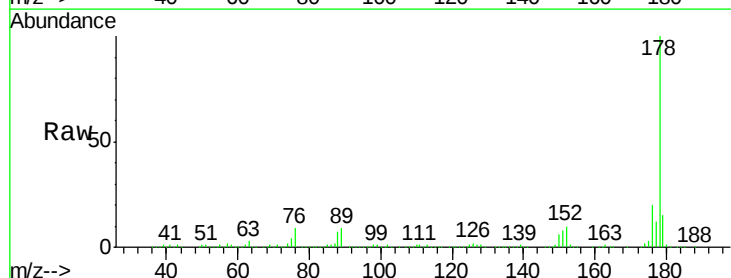
Sohil

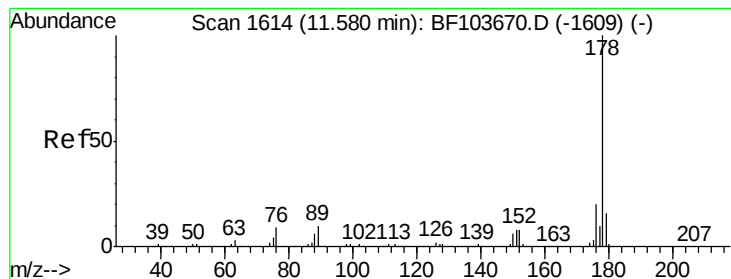
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#70
 Phenanthrene
 Concen: 35.877 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	787879		
176	19.6	15.8	23.8	
179	15.3	13.0	19.6	





#71
 Anthracene
 Concen: 36.187 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

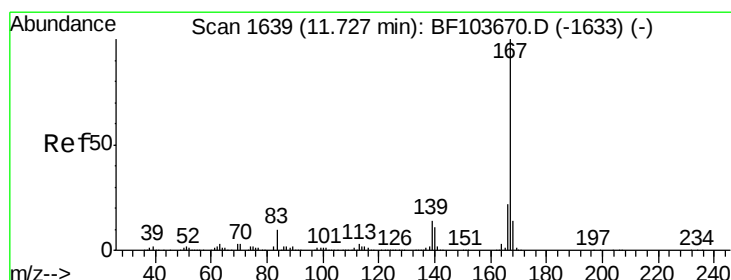
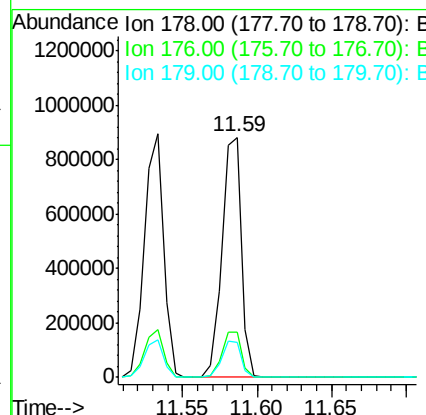
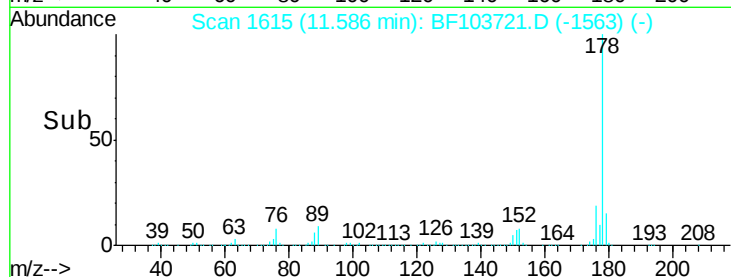
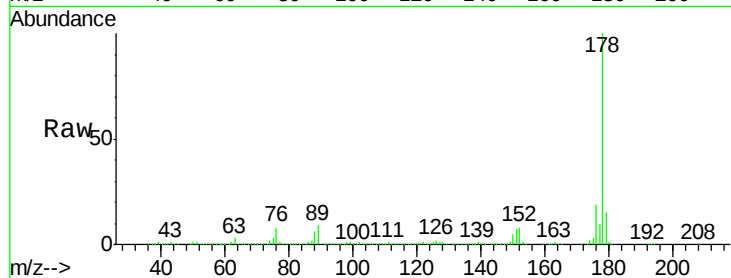
Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MS

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

Manual Integrations
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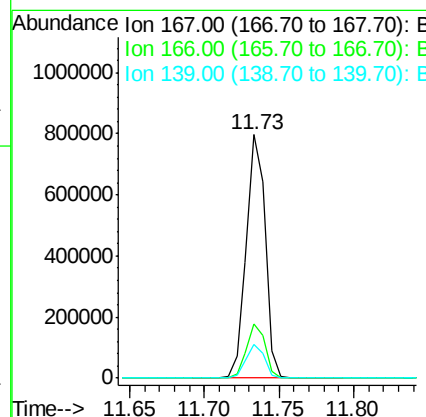
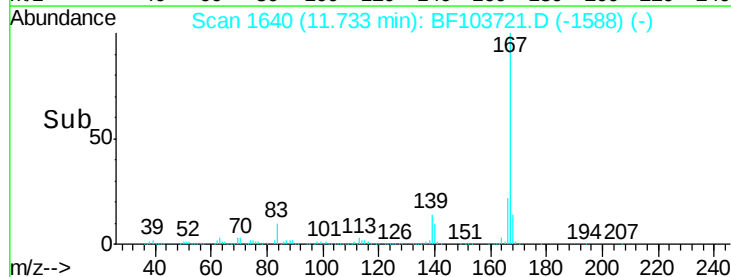
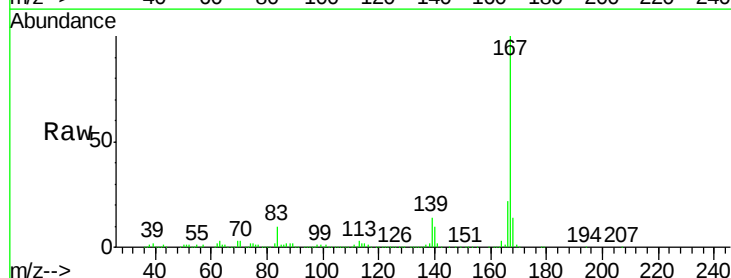
Sohil

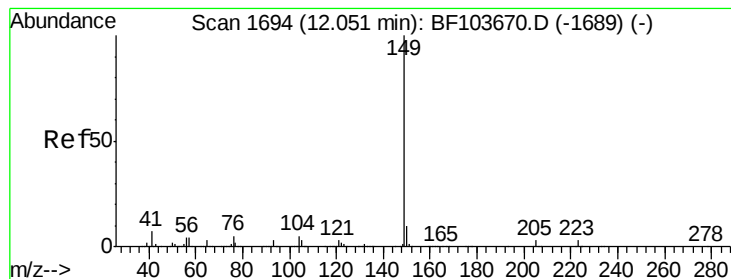
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#72
 Carbazole
 Concen: 32.681 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.189 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

P002-S001-0001-01MS

Tot Ion:149 Resp: 1045397

Ion Ratio Lower Upper

149 100

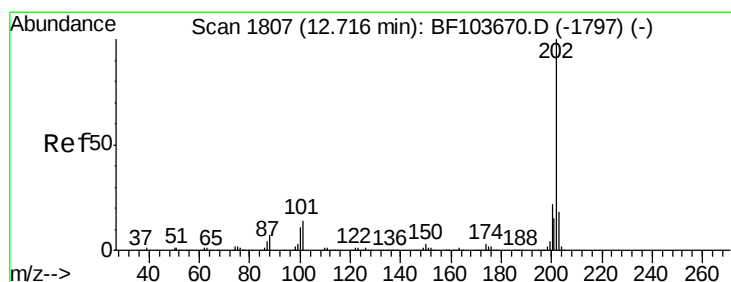
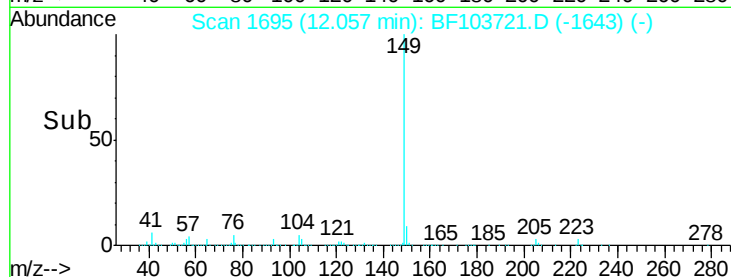
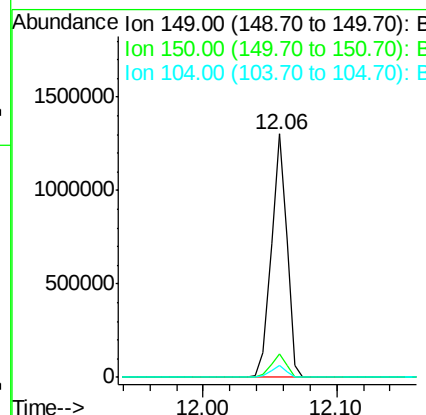
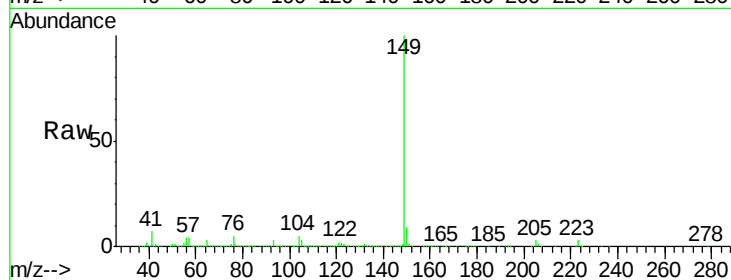
150 9.4 7.8 11.6

104 4.9 3.8 5.8

Manual Integrations
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Sohil

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#74

Fluoranthene

Concen: 33.445 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

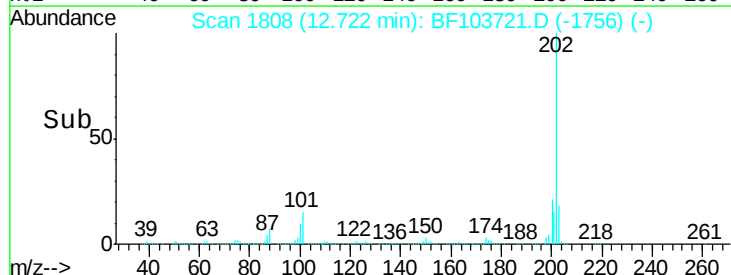
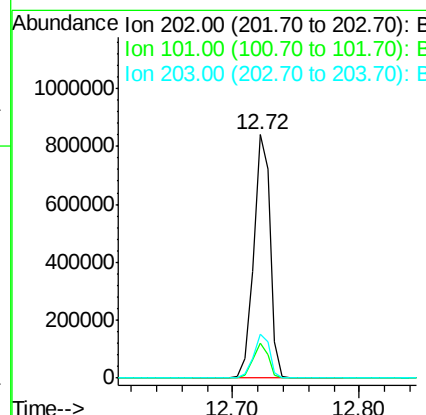
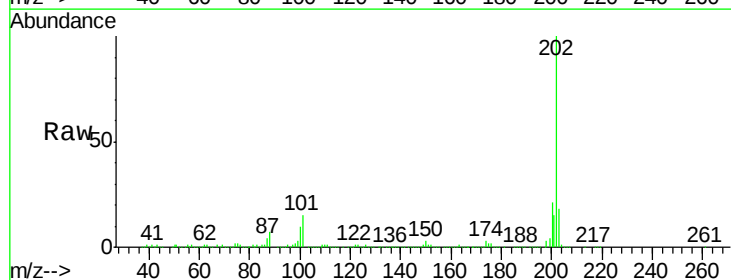
Tgt Ion:202 Resp: 756660

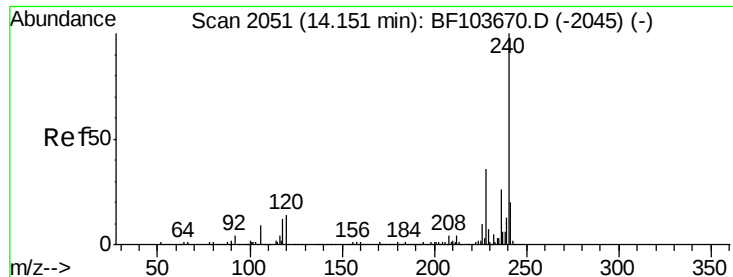
Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.1

203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

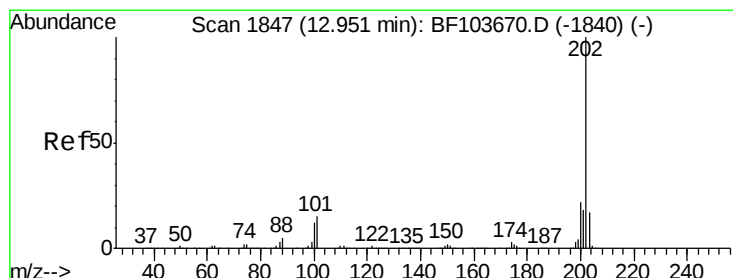
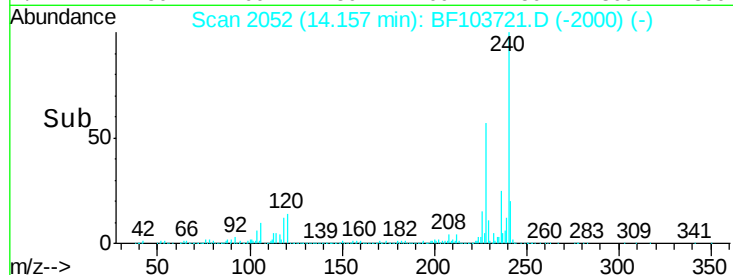
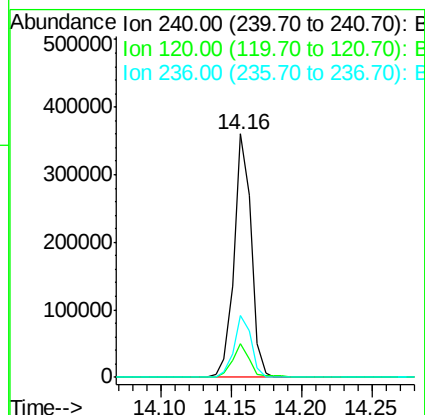
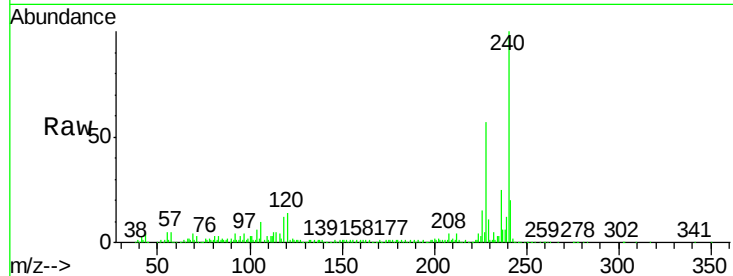
P002-S001-0001-01MS

Tot Ion:	240	Resp:	303366
Ion Ratio	Lower	Upper	
240	100		
120	13.7	9.5	14.3
236	25.3	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 34.383 ng

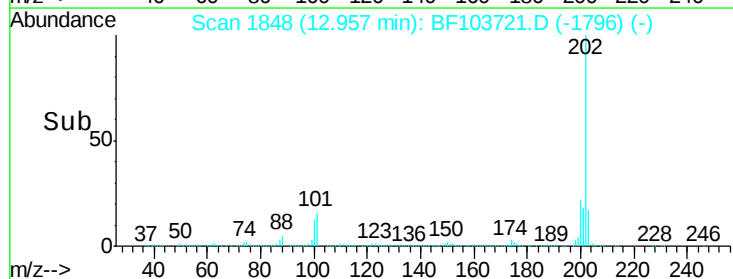
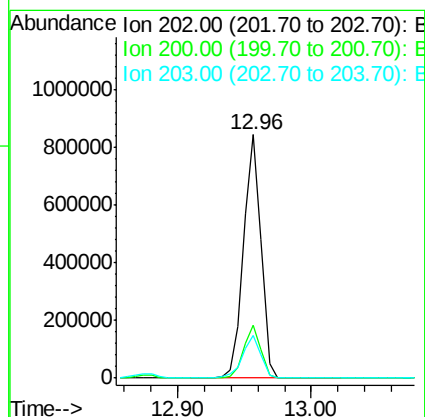
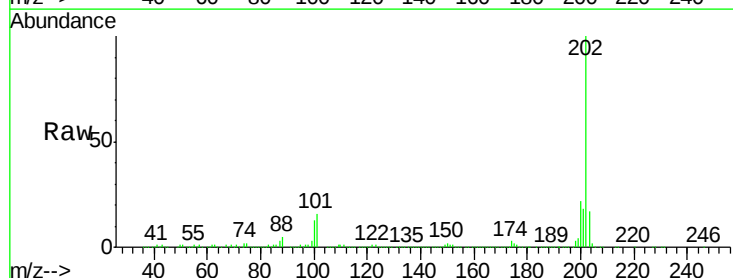
RT: 12.96 min Scan# 1848

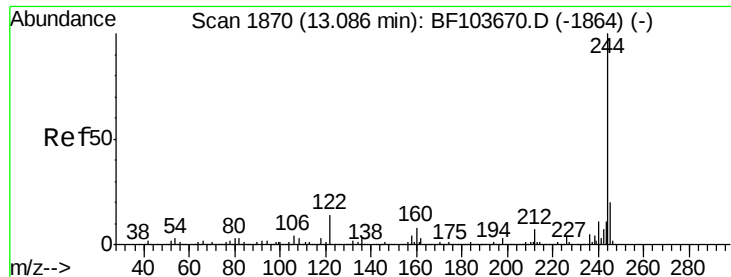
Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Tgt Ion:	202	Resp:	766022
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	17.4	14.3	21.5





#78

Terphenyl-d14

Concen: 83.369 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

P002-S001-0001-01MS

Tot Ion:244 Resp: 1089603

Ion Ratio Lower Upper

244 100

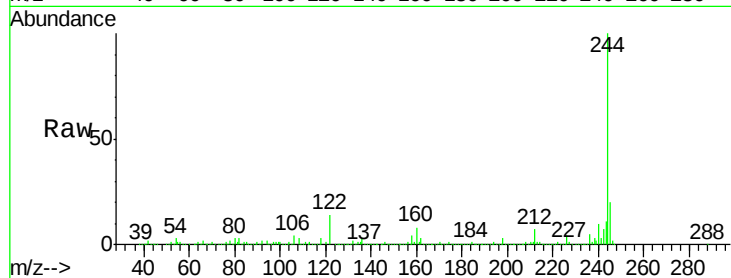
212 6.9 5.4 8.0

122 14.0 11.0 16.4

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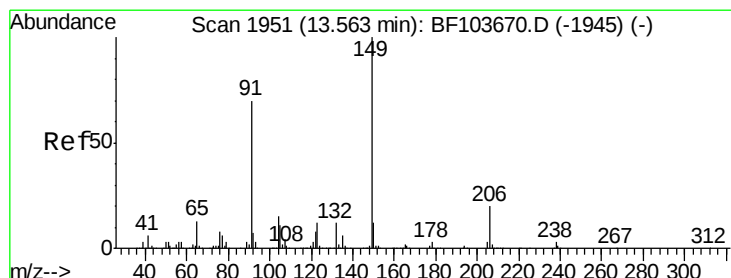
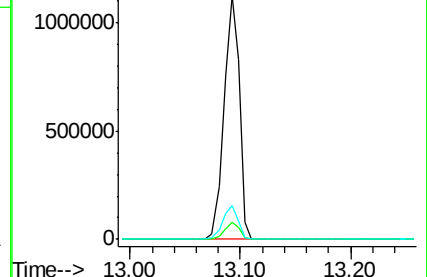
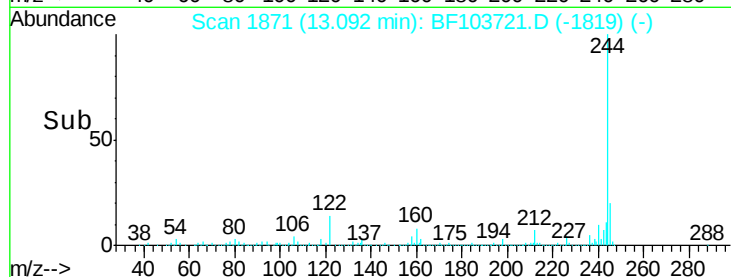
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 38.999 ng

RT: 13.56 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

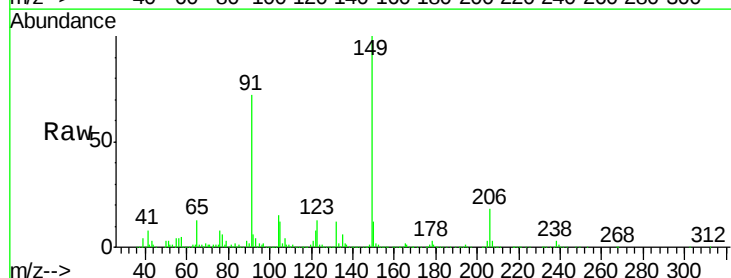
Tgt Ion:149 Resp: 384946

Ion Ratio Lower Upper

149 100

91 72.2 56.8 85.2

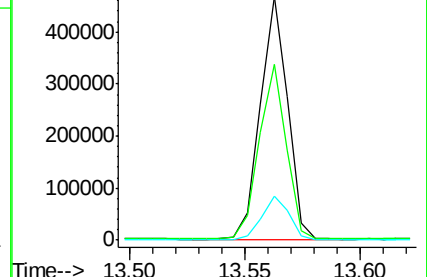
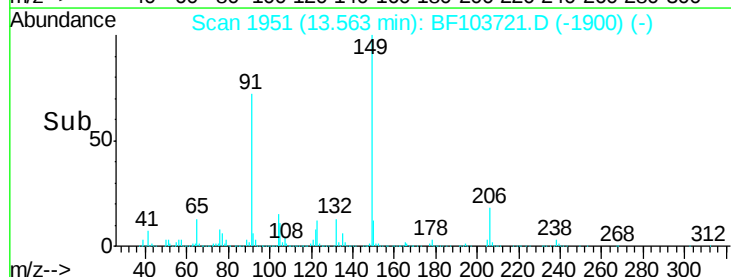
206 18.0 14.1 21.1

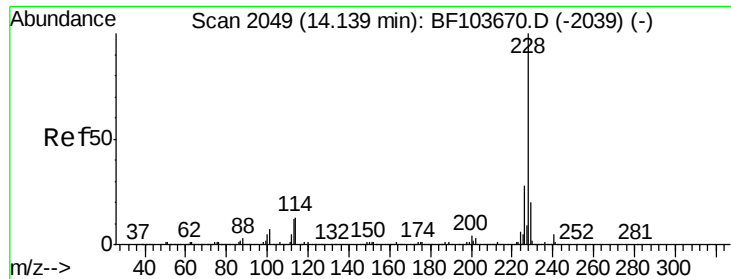


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80
Benzo(a)anthracene
Concen: 36.215 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

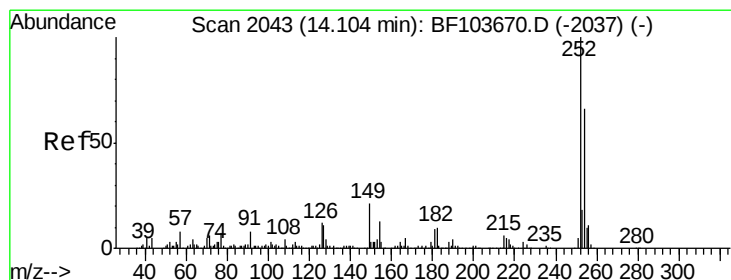
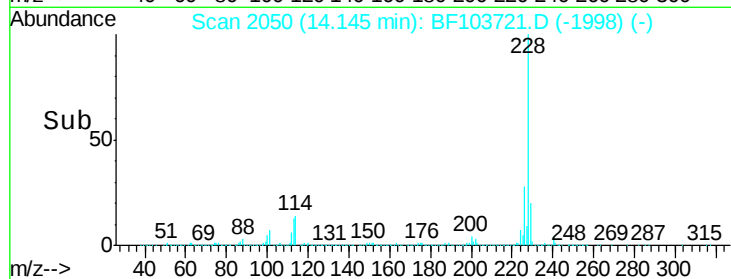
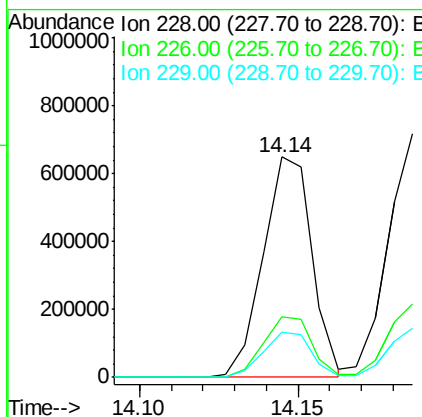
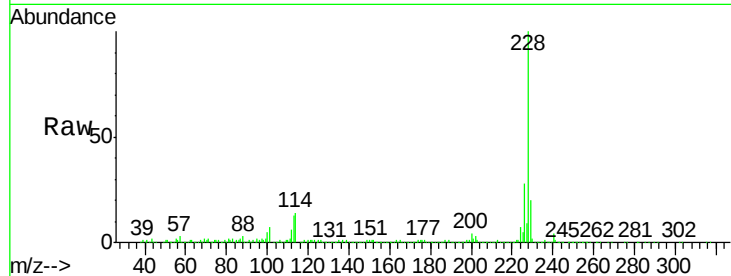
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.3	15.8	23.6

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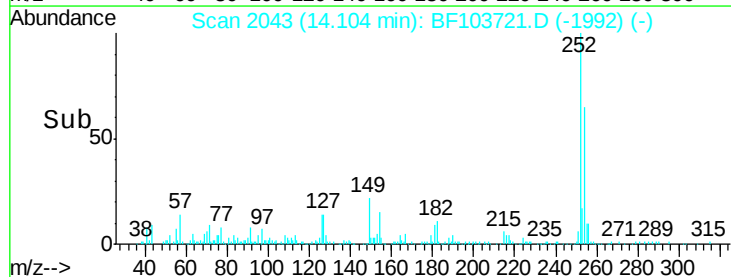
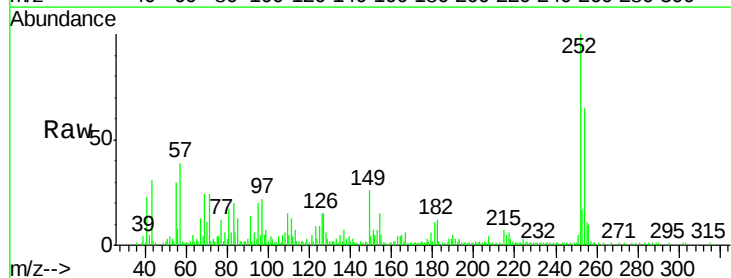
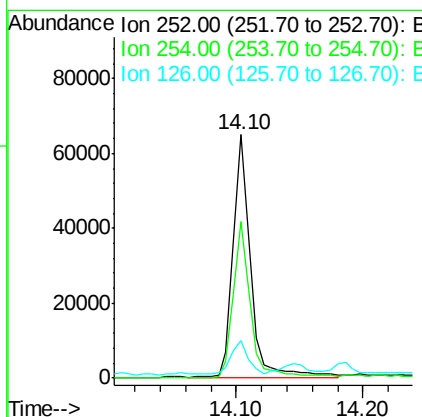
Sohil

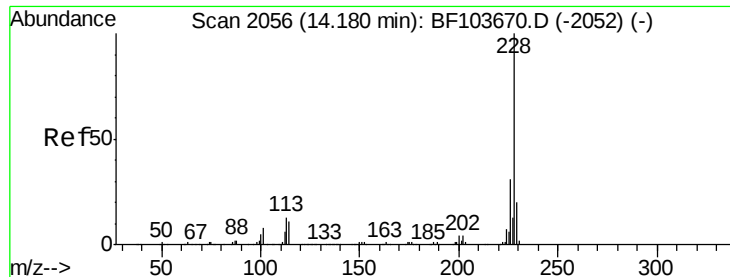
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#81
3,3'-Dichlorobenzidine
Concen: 9.738 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	15.3	11.3	16.9





#82

Chrysene

Concen: 35.359 ng

RT: 14.19 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

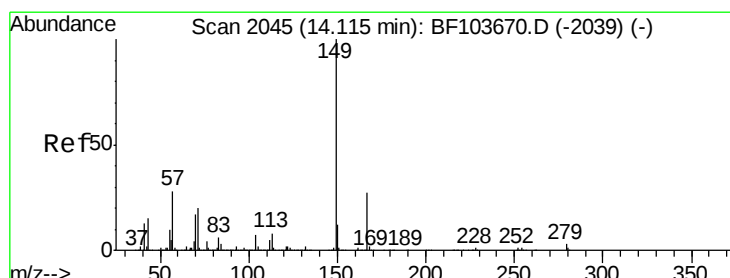
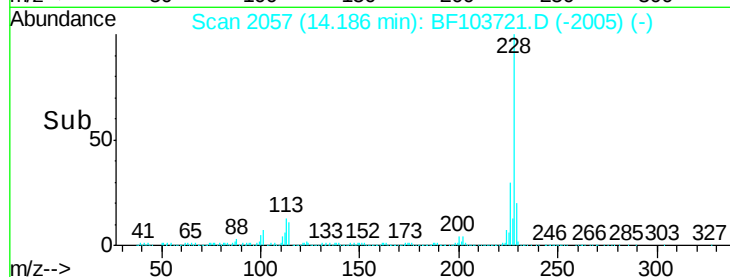
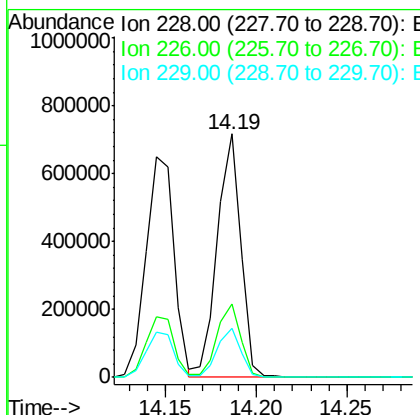
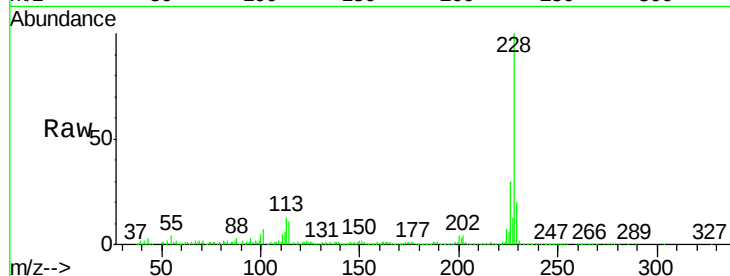
P002-S001-0001-01MS

Tot Ion:	228	Resp:	647254
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	20.3	16.2	24.4

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 55.100 ng

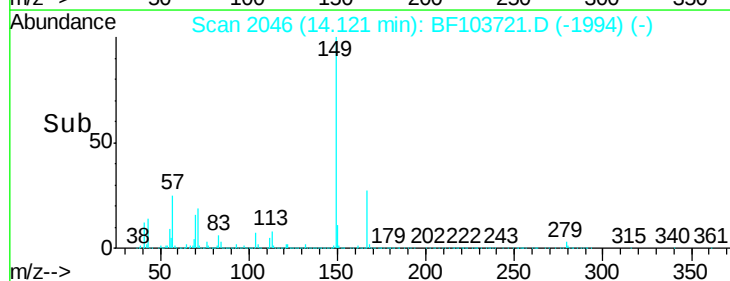
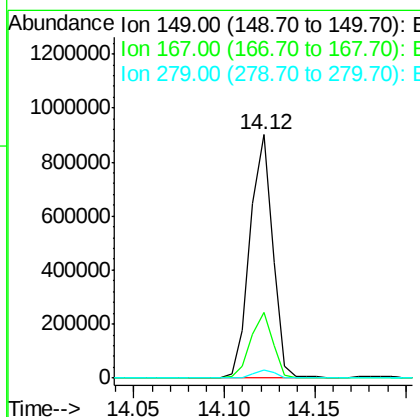
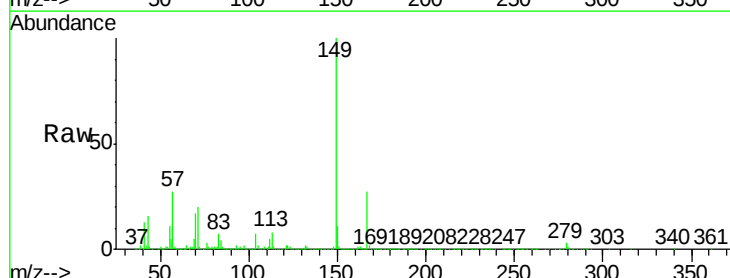
RT: 14.12 min Scan# 2046

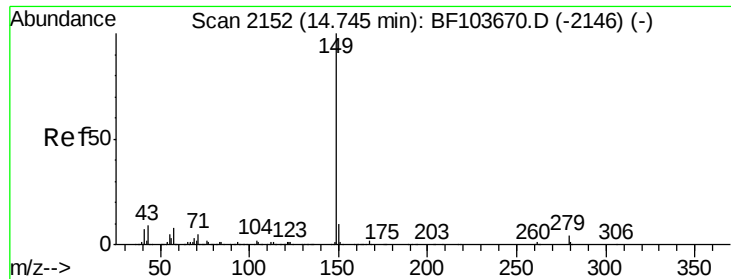
Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Tgt Ion:	149	Resp:	776982
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.3	31.9
279	3.5	3.0	4.4





#84
Di-n-octyl phthalate
Concen: 43.487 ng
RT: 14.74 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

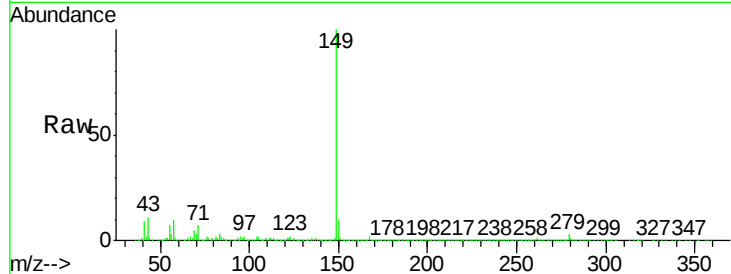
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		892123		
167	1.5		1.2	1.8	
43	9.4		8.4	12.6	

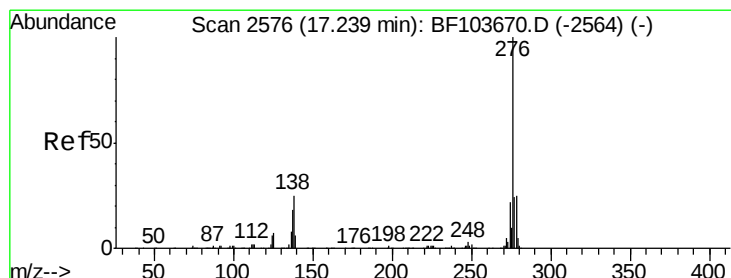
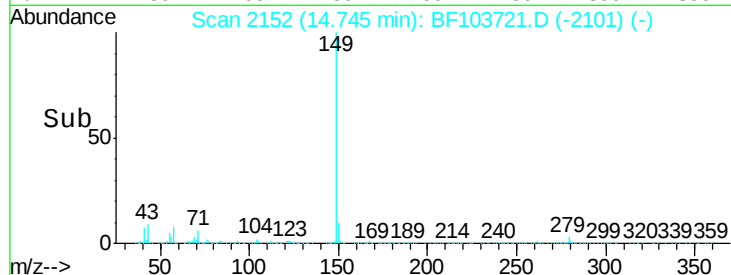
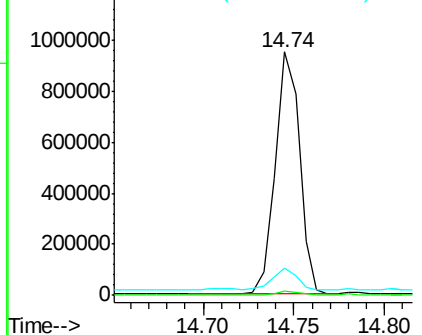
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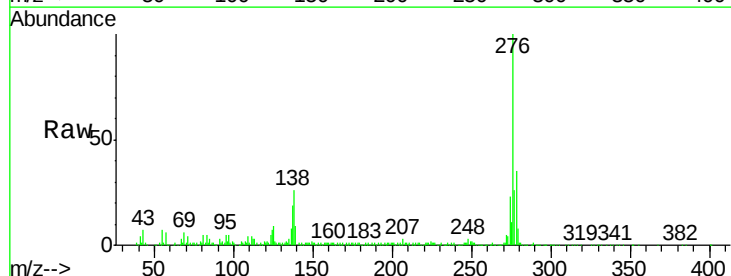


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

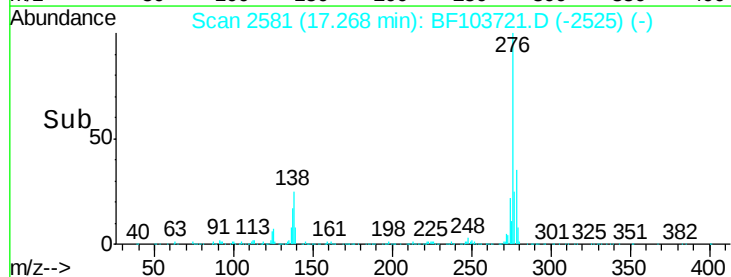
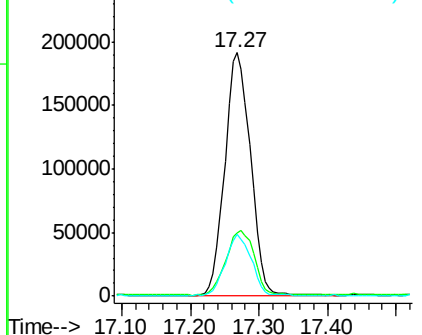


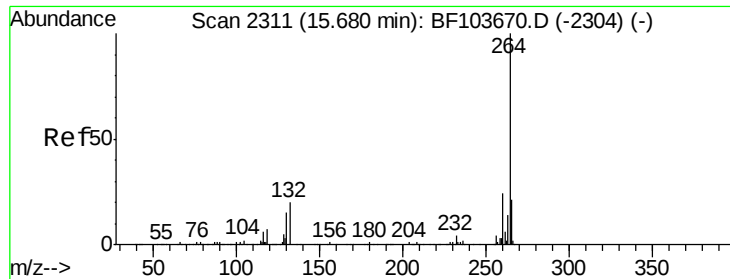
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.173 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.03 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100		498328		
138	28.9		25.0	37.6	
277	25.4		20.1	30.1	



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

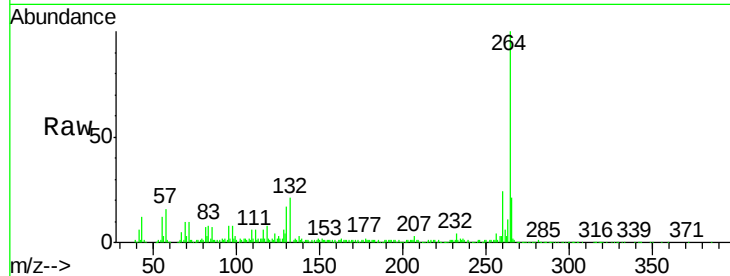
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	17.5	26.3

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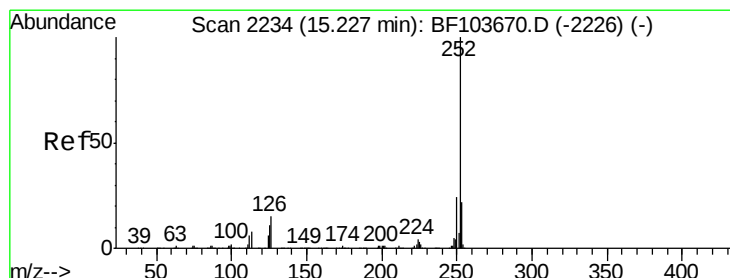
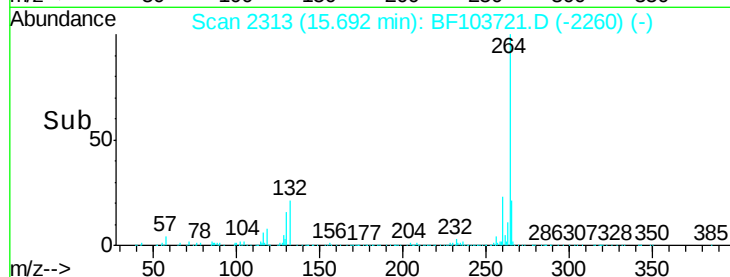
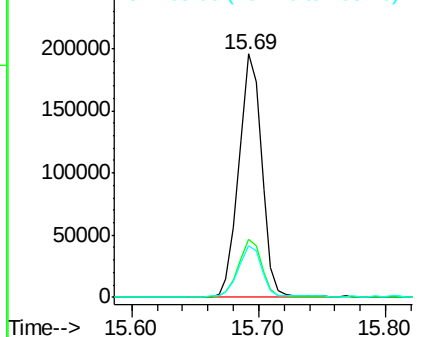


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 39.328 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

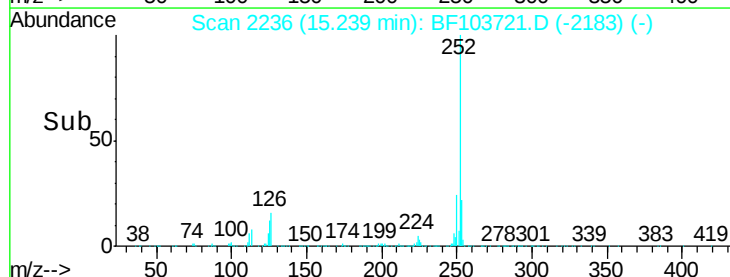
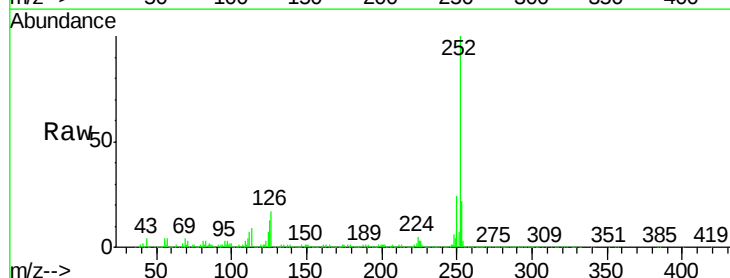
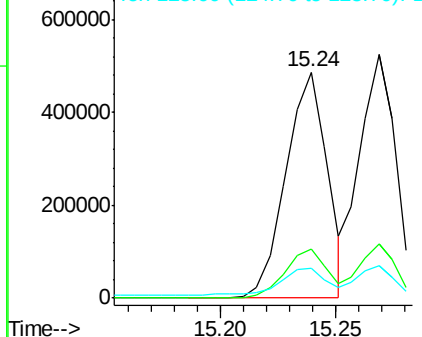
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	13.1	9.0	13.6

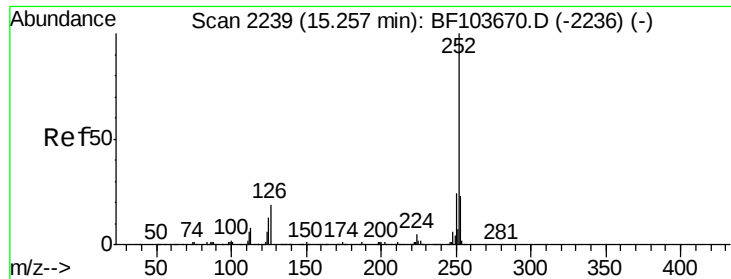
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88
Benzo(k)fluoranthene
Concen: 38.887 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

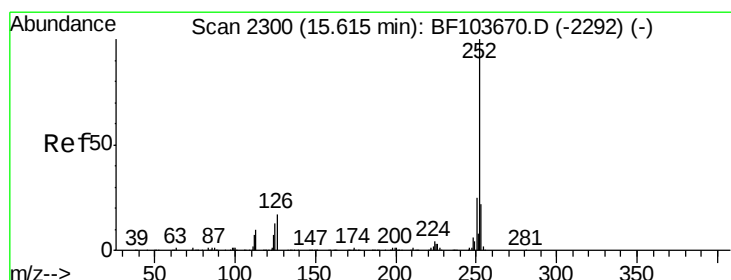
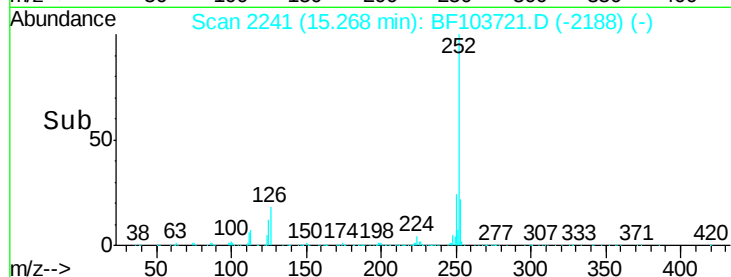
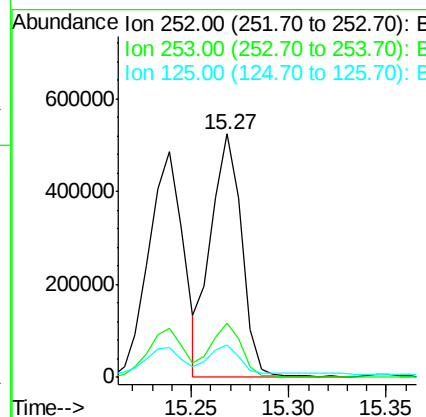
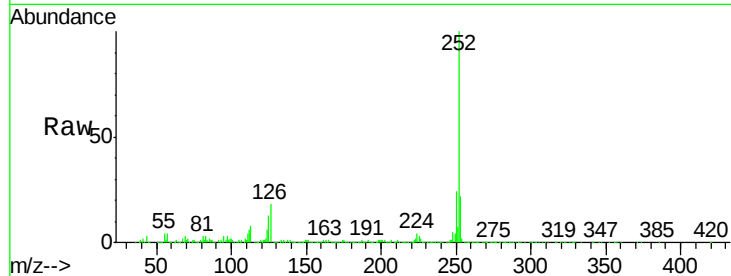
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	571909		
253	22.3	17.9	26.9	
125	13.3	10.2	15.2	

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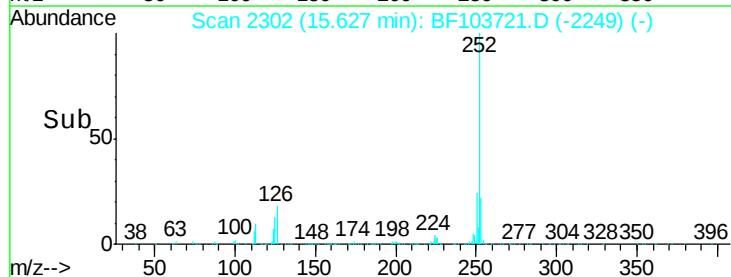
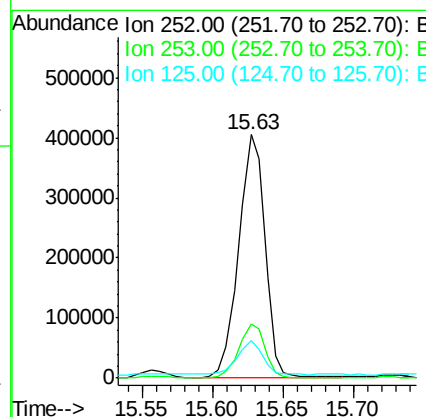
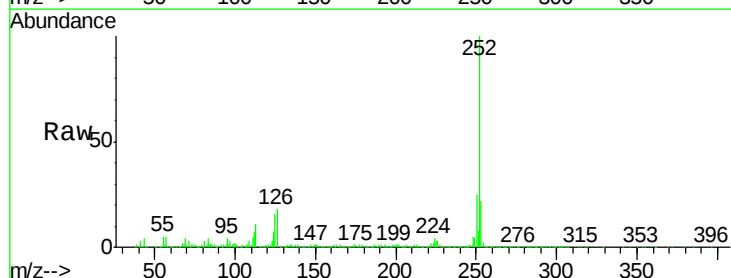
Sohil

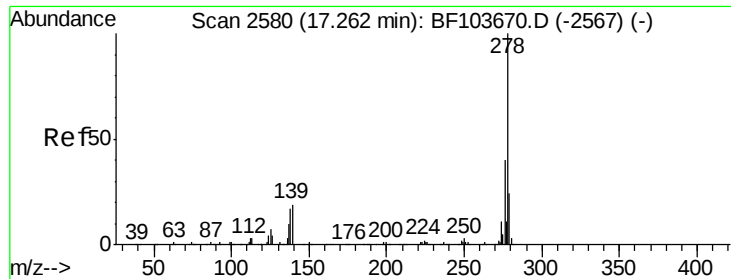
3/19/2018 2:02:58 PM



#89
Benzo(a)pyrene
Concen: 37.923 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	526258		
253	22.1	17.1	25.7	
125	15.5	9.8	14.6	





#90

Dibenzo(a,h)anthracene

Concen: 34.376 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.02 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

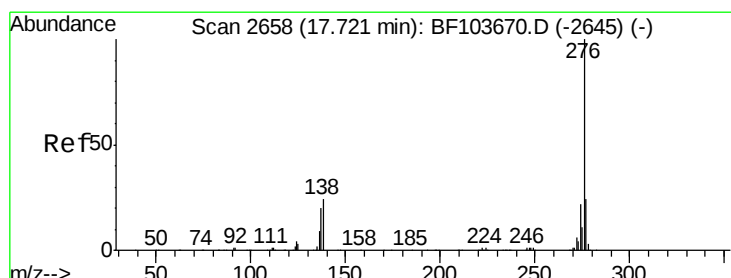
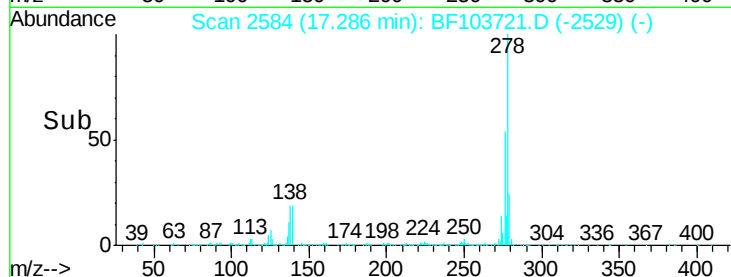
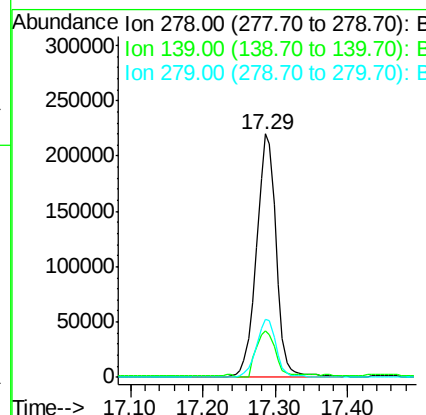
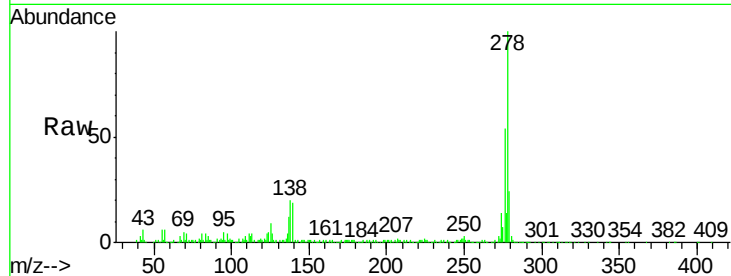
P002-S001-0001-01MS

Tot Ion:	278	Resp:	413058
Ion Ratio	Lower	Upper	
278	100		
139	19.3	15.9	23.9
279	23.7	19.0	28.4

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 34.516 ng

RT: 17.75 min Scan# 2663

Delta R.T. 0.03 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Tgt Ion:	276	Resp:	403480
Ion Ratio	Lower	Upper	
276	100		
277	23.1	17.9	26.9
138	24.5	21.8	32.8

