

Data Path : Z:\HPCHEM1\BNA B\DATA\BB093016\
 Data File : BB058569.D
 Acq On : 29 Sep 2016 22:40
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

Manual Integrations
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 9/30/2016 7:24:45 PM

Quant Time: Sep 30 14:18:37 2016
 Quant Method : Z:\HPCHEM1\BNA B\METHOD\8270-BB093016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 30 14:16:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	396439	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	1513070	20.00	ng	0.00
38) Acenaphthene-d10	15.57	164	845674	20.00	ng	-0.02
63) Phenanthrene-d10	18.42	188	1298210	20.00	ng	0.00
75) Chrysene-d12	22.79	240	1215762	20.00	ng	-0.02
86) Perylene-d12	25.85	264	1105415	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.08	112	1885124	72.97	ng	0.00
7) Phenol-d6	7.83	99	2183703	71.87	ng	-0.02
23) Nitrobenzene-d5	9.91	82	2303369	73.32	ng	-0.02
41) 2,4,6-Tribromophenol	17.13	330	750056	69.24	ng	-0.02
44) 2-Fluorobiphenyl	14.16	172	3547500	69.32	ng	-0.02
78) Terphenyl-d14	21.10	244	2891897	67.86	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.69	88	369842	35.87	ng	98
3) Pyridine	4.13	79	935693	36.08	ng	98
4) n-Nitrosodimethylamine	4.07	42	702854	36.33	ng	100
6) Aniline	7.96	93	1343886	35.80	ng	98
8) 2-Chlorophenol	8.21	128	1063205	36.30	ng	92
9) Benzaldehyde	7.73	77	547127	33.45	ng	95
10) Phenol	7.85	94	1132253	36.10	ng	98
11) bis(2-Chloroethyl)ether	8.06	93	991784	36.09	ng	96
12) 1,3-Dichlorobenzene	8.56	146	1070210	36.00	ng	97
13) 1,4-Dichlorobenzene	8.71	146	1112941	36.49	ng	98
14) 1,2-Dichlorobenzene	9.06	146	1046759	36.66	ng	96
15) Benzyl Alcohol	8.93	79	793647	36.08	ng	99
16) 2,2'-oxybis(1-Chloropropan	9.25	45	1835263	36.70	ng	99
17) 2-Methylphenol	9.16	107	751667	36.11	ng	99
18) Hexachloroethane	9.83	117	488534	36.33	ng	92
19) n-Nitroso-di-n-propylamine	9.56	70	786682	35.88	ng	97
20) 3+4-Methylphenols	9.52	107	978472	35.97	ng	# 88
22) Acetophenone	9.54	105	1250911	36.05	ng	# 98
24) Nitrobenzene	9.95	77	1167893	36.86	ng	97
25) Isophorone	10.51	82	2142859	35.27	ng	98
26) 2-Nitrophenol	10.70	139	668109	36.88	ng	# 87
27) 2,4-Dimethylphenol	10.77	122	892921	34.73	ng	97
28) bis(2-Chloroethoxy)methane	11.01	93	1179232	36.69	ng	98
29) 2,4-Dichlorophenol	11.26	162	863847	36.21	ng	97
30) 1,2,4-Trichlorobenzene	11.49	180	864626	35.80	ng	99
31) Naphthalene	11.68	128	2657642	36.34	ng	96
32) Benzoic acid	11.04	122	602639	34.93	ng	97
33) 4-Chloroaniline	11.78	127	1178301	36.30	ng	98
34) Hexachlorobutadiene	12.01	225	452174	35.45	ng	100
35) Caprolactam	12.62	113	348361m	35.16	ng	
36) 4-Chloro-3-methylphenol	12.97	107	967019	36.94	ng	96
37) 2-Methylnaphthalene	13.34	142	1760121	36.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.72	216	802975	33.29	ng	99
40) Hexachlorocyclopentadiene	13.72	237	384401	32.72	ng	99

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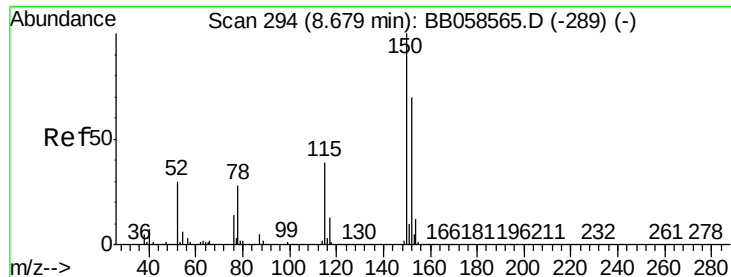
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	599217	32.42	nq	99
43) 2,4,5-Trichlorophenol	14.05	196	611017	32.00	nq	96
45) 1,1'-Biphenyl	14.38	154	2261304	33.99	nq	96
46) 2-Chloronaphthalene	14.41	162	1706481	32.35	nq	99
47) 2-Nitroaniline	14.61	65	676871	32.23	nq	97
48) Acenaphthylene	15.28	152	2618530	32.32	nq	95
49) Dimethylphthalate	15.01	163	1988867	32.14	nq	# 97
50) 2,6-Dinitrotoluene	15.13	165	602206	33.97	nq	94
51) Acenaphthene	15.65	154	1770692	32.21	nq	98
52) 3-Nitroaniline	15.47	138	617128	33.06	nq	91
53) 2,4-Dinitrophenol	15.67	184	368577	32.24	nq	# 20
54) Dibenzofuran	15.99	168	2317959	33.55	nq	96
55) 4-Nitrophenol	15.80	139	549482	33.19	nq	92
56) 2,4-Dinitrotoluene	15.94	165	713550	30.46	nq	# 63
57) Fluorene	16.67	166	1941319	34.12	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.22	232	435974	30.76	nq	97
59) Diethylphthalate	16.42	149	2145367	32.08	nq	# 91
60) 4-Chlorophenyl-phenylether	16.65	204	878549	33.18	nq	99
61) 4-Nitroaniline	15.47	138	617128	33.06	nq	91
62) Azobenzene	16.96	77	2208668	32.68	nq	93
64) 4,6-Dinitro-2-methylphenol	16.74	198	474188	34.77	nq	# 51
65) n-Nitrosodiphenylamine	16.88	169	1698084	37.05	nq	96
66) 4-Bromophenyl-phenylether	17.57	248	512391	35.52	nq	94
67) Hexachlorobenzene	17.73	284	608483	34.43	nq	90
68) Atrazine	17.86	200	539273	36.29	nq	99
69) Pentachlorophenol	18.07	266	414925	36.42	nq	99
70) Phenanthrene	18.46	178	2441381	35.36	nq	96
71) Anthracene	18.55	178	2466887	34.96	nq	95
72) Carbazole	18.82	167	2425086	34.63	nq	94
73) Di-n-butylphthalate	19.40	149	3300797	32.73	nq	# 93
74) Fluoranthene	20.52	202	2453302	35.50	nq	96
76) Benzidine	20.69	184	1271449	33.36	nq	99
77) Pyrene	20.88	202	2475162	34.11	nq	95
79) Butylbenzylphthalate	21.79	149	1782389	34.42	nq	# 97
80) Benzo(a)anthracene	22.77	228	2390008	36.77	nq	96
81) 3,3'-Dichlorobenzidine	22.68	252	896416	35.57	nq	# 96
82) Chrysene	22.85	228	2360294	38.03	nq	93
83) Bis(2-ethylhexyl)phthalate	22.68	149	2327888	35.52	nq	# 93
84) Di-n-octyl phthalate	23.85	149	4188430	36.55	nq	100
85) Indeno(1,2,3-cd)pyrene	29.18	276	2172471	35.22	nq	97
87) Benzo(b)fluoranthene	24.93	252	2379505m	34.25	nq	
88) Benzo(k)fluoranthene	24.99	252	2223936	39.05	nq	98
89) Benzo(a)pyrene	25.74	252	2191943	36.86	nq	98
90) Dibenzo(a,h)anthracene	29.22	278	1822426	36.82	nq	94
91) Benzo(g,h,i)perylene	30.19	276	1693227	36.02	nq	95

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



#1

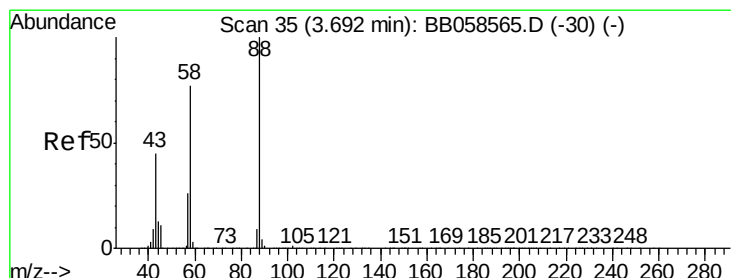
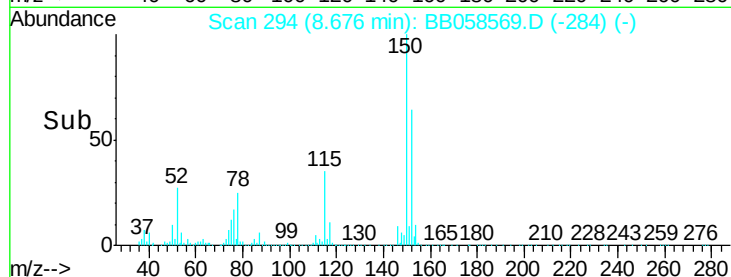
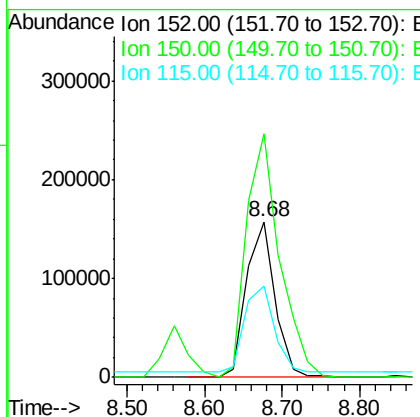
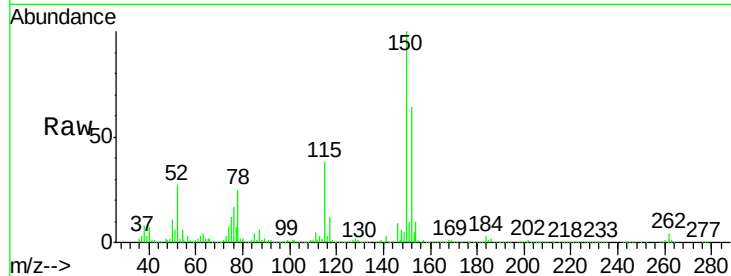
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.68 min Scan# 294
Delta R.T. -0.00 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.9	184.3
115	58.9	48.5	72.7

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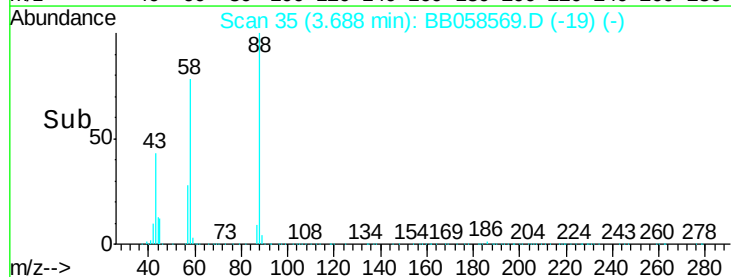
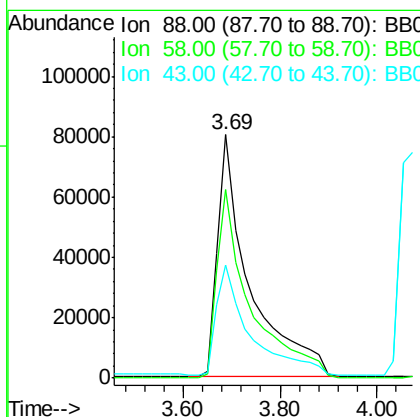
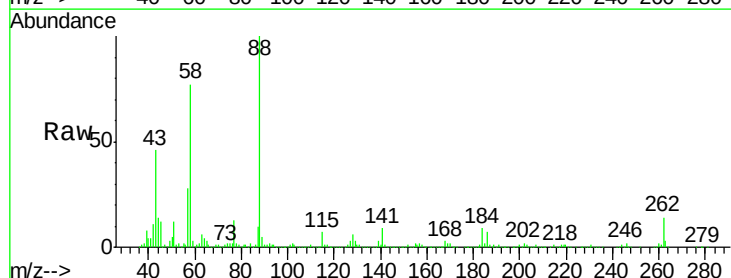
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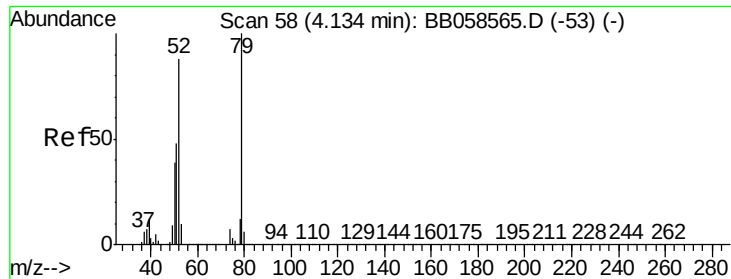


#2

1,4-Dioxane
Concen: 35.87 ng
RT: 3.69 min Scan# 35
Delta R.T. -0.00 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.6	62.6	93.8
43	46.8	36.5	54.7





#3

Pvridine

Concen: 36.08 ng

RT: 4.13 min Scan# 58

Delta R.T. -0.00 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Instrument :

BNA_B

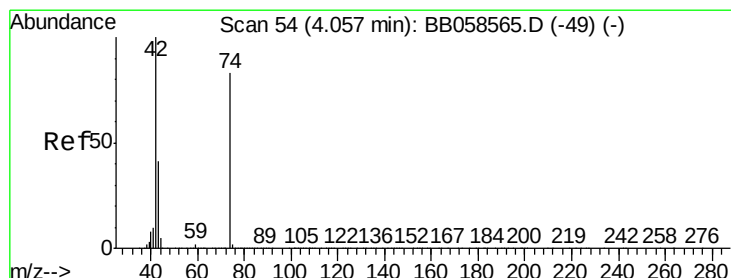
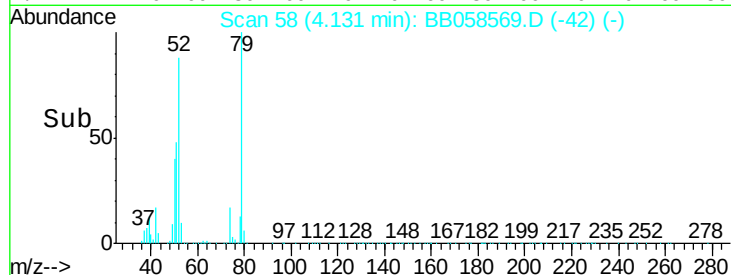
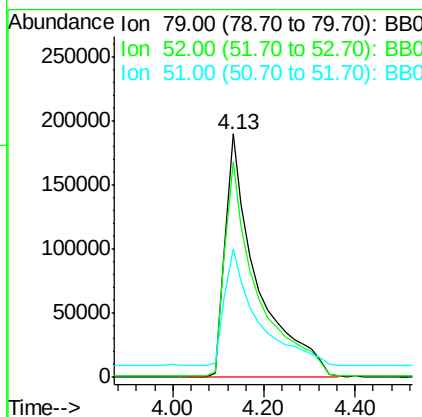
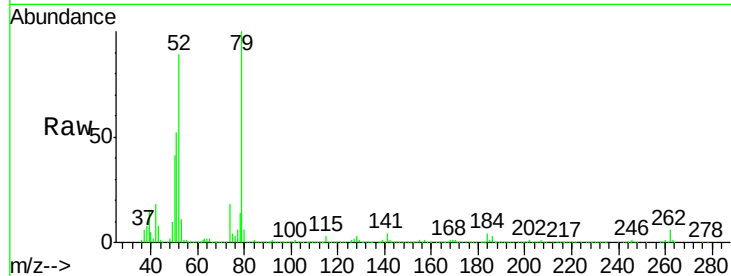
ClientSampleId :

ICVBB093016

Tot Ion:	79	Resp:	935693
Ion Ratio	Lower	Upper	
79	100		
52	88.5	69.4	104.2
51	52.5	42.7	64.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.33 ng

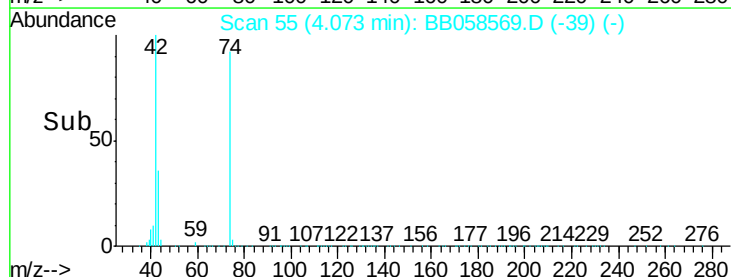
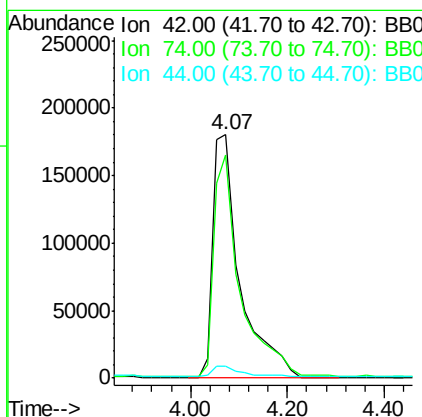
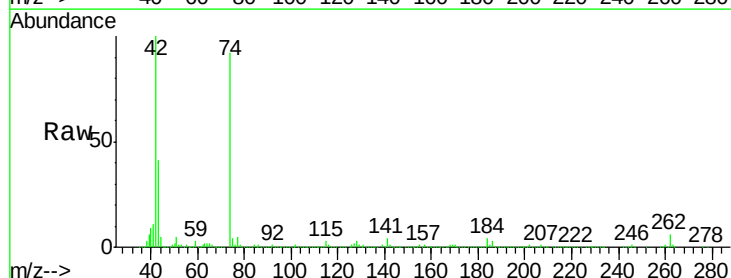
RT: 4.07 min Scan# 55

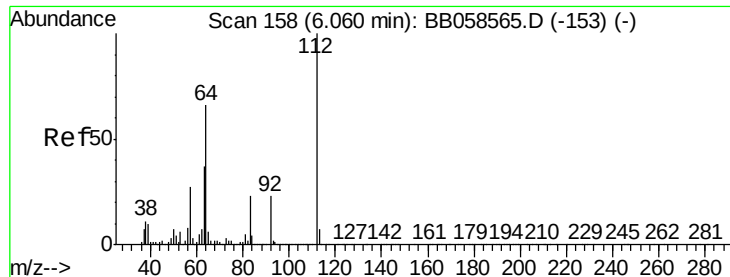
Delta R.T. -0.00 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Tgt Ion:	42	Resp:	702854
Ion Ratio	Lower	Upper	
42	100		
74	91.8	73.5	110.3
44	5.0	4.1	6.1





#5

2-Fluorophenol

Concen: 72.97 ng

RT: 6.08 min Scan# 159

Delta R.T. -0.00 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Instrument :

BNA_B

ClientSampleId :

ICVBB093016

Tot Ion:112 Resp: 1885124

Ion Ratio Lower Upper

112 100

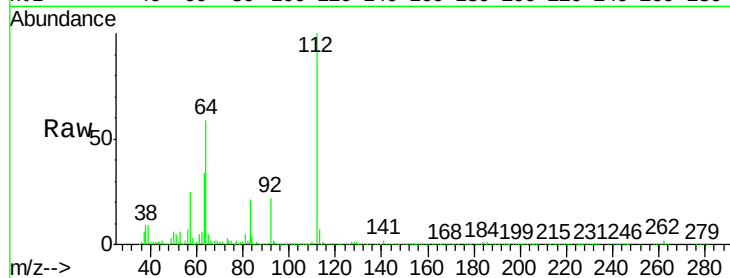
64 59.1 46.7 70.1

63 34.1 27.0 40.6

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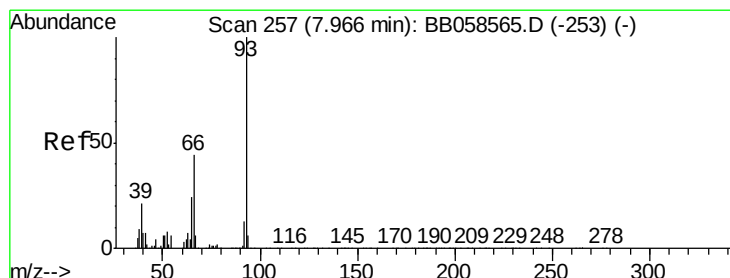
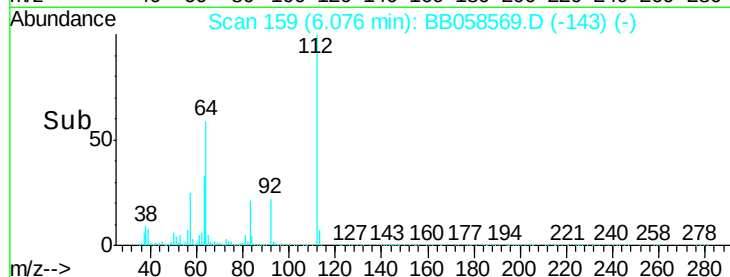
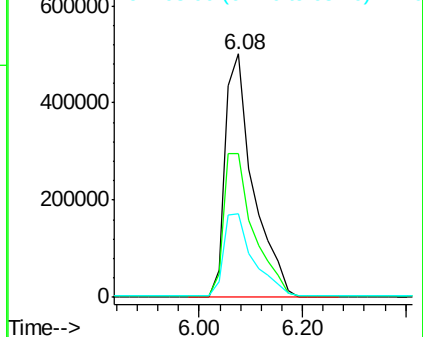
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Abundance Ion 112.00 (111.70 to 112.70): BB0

Ion 64.00 (63.70 to 64.70): BB0

Ion 63.00 (62.70 to 63.70): BB0



#6

Aniline

Concen: 35.80 ng

RT: 7.96 min Scan# 257

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

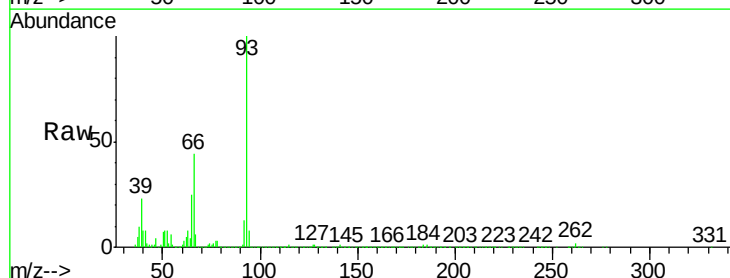
Tgt Ion: 93 Resp: 1343886

Ion Ratio Lower Upper

93 100

66 44.3 34.7 52.1

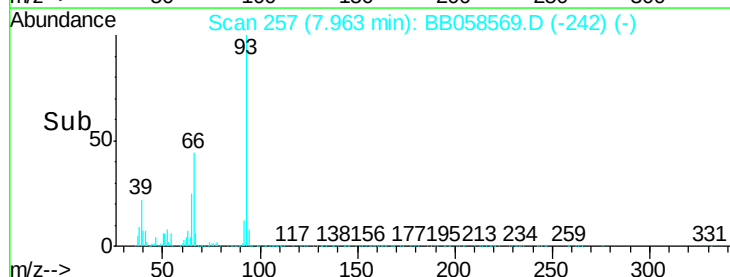
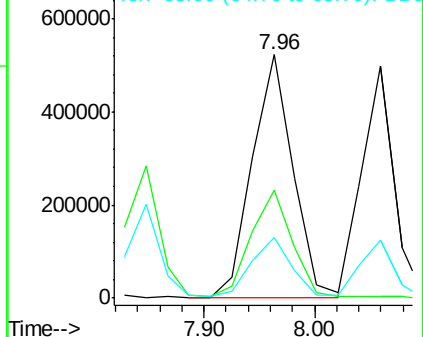
65 24.9 19.0 28.6

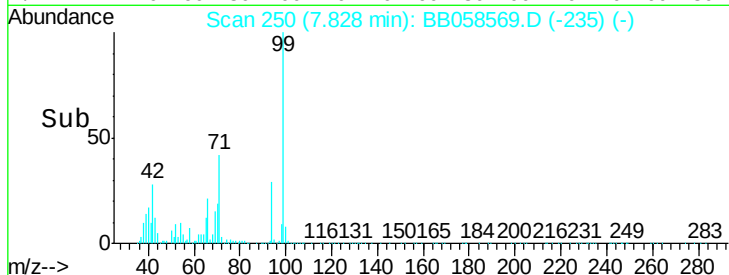
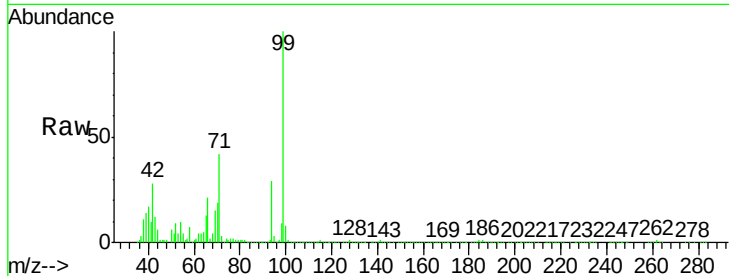
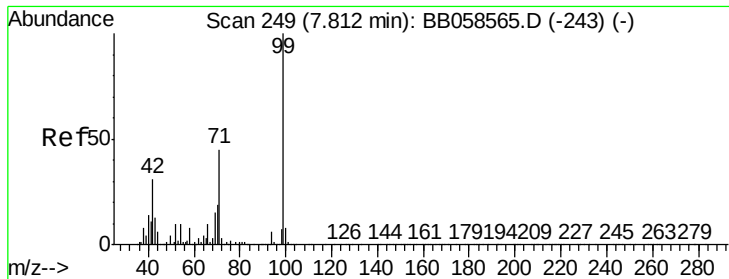


Abundance Ion 93.00 (92.70 to 93.70): BB0

Ion 66.00 (65.70 to 66.70): BB0

Ion 65.00 (64.70 to 65.70): BB0





#7

Phenol-d6

Concen: 71.87 ng

RT: 7.83 min Scan# 250

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Tot Ion:	99	Resp:	2183703
Ion	Ratio	Lower	Upper
99	100		
42	28.0	22.0	33.0
71	41.8	34.5	51.7

Instrument :

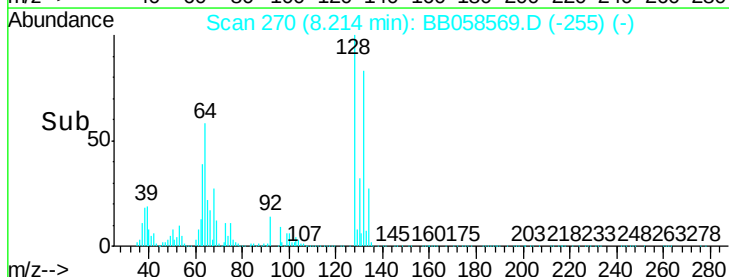
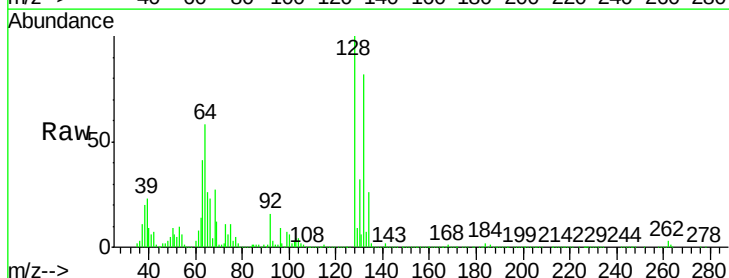
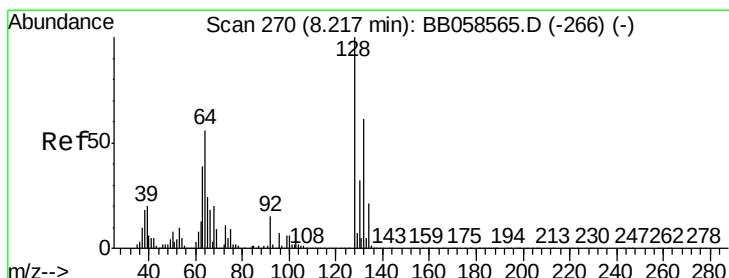
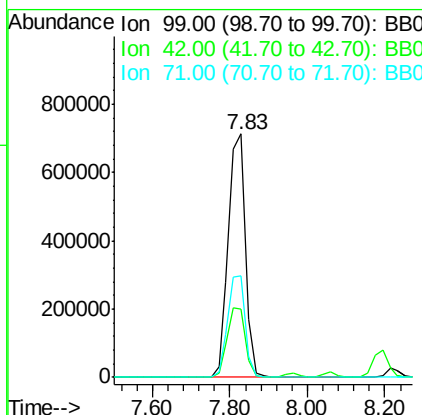
BNA_B

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#8

2-Chlorophenol

Concen: 36.30 ng

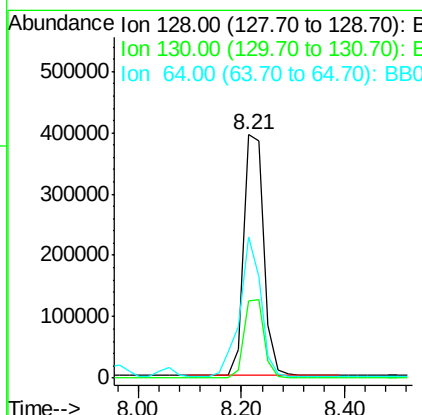
RT: 8.21 min Scan# 270

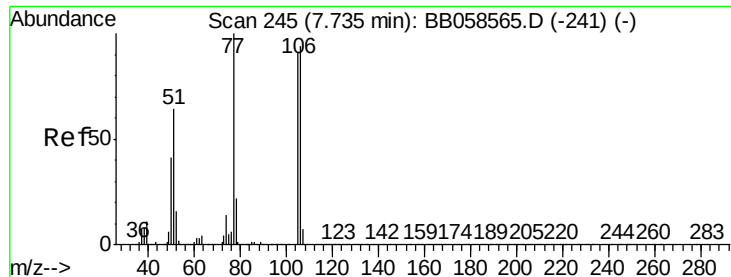
Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Tgt Ion:	128	Resp:	1063205
Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.0	53.0
64	58.2	29.6	69.6





#9

Benzaldehyde

Concen: 33.45 ng

RT: 7.73 min Scan# 245

Delta R.T. -0.00 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Instrument :

BNA_B

ClientSampleId :

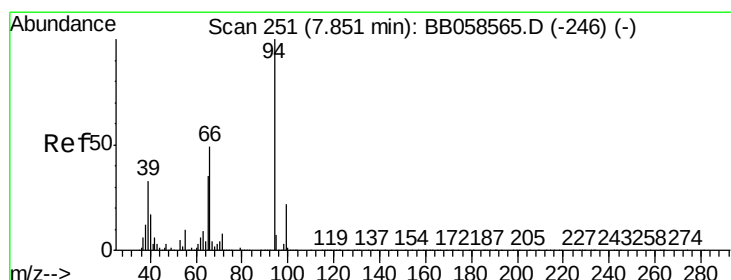
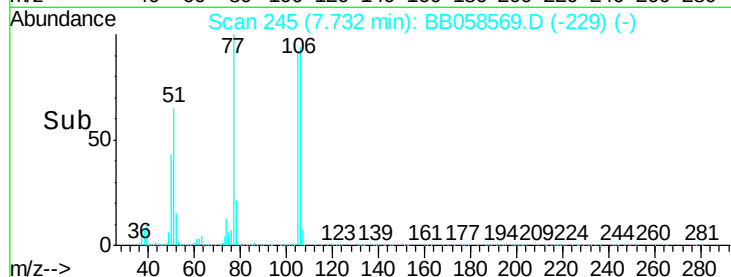
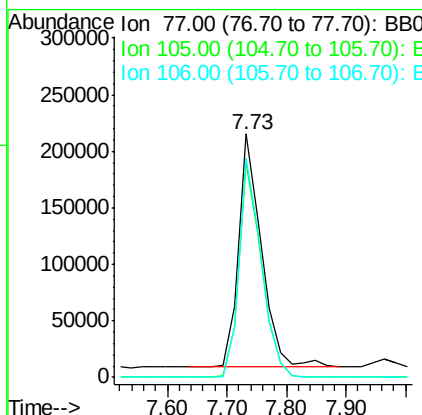
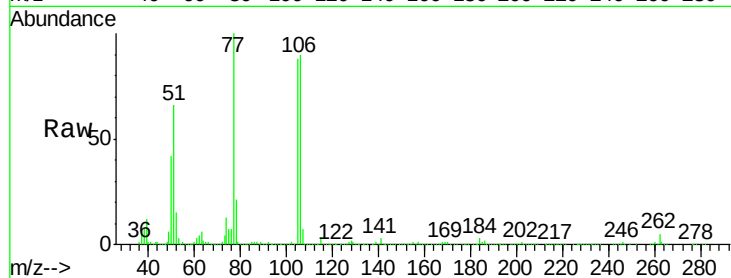
ICVBB093016

Tot Ion:	77	Resp:	547127
Ion Ratio	Lower	Upper	
77	100		
105	87.7	71.9	111.9
106	90.0	75.7	115.7

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#10

Phenol

Concen: 36.10 ng

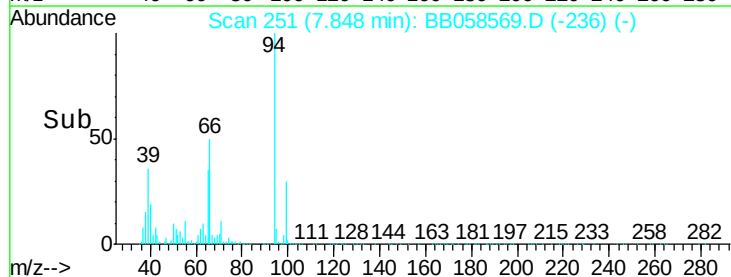
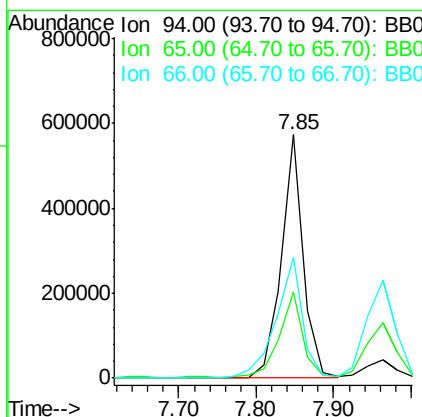
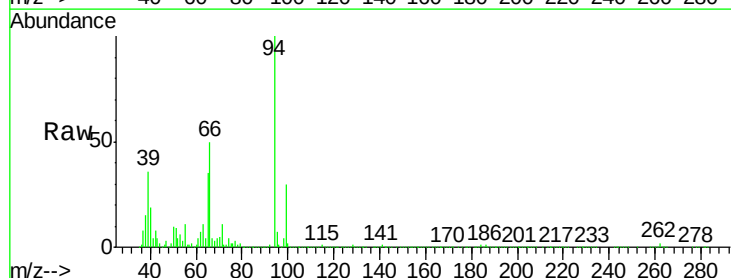
RT: 7.85 min Scan# 251

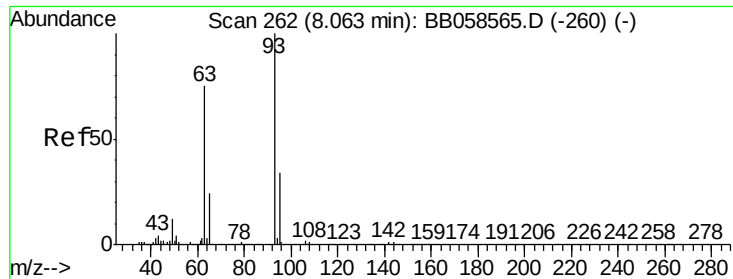
Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Tgt Ion:	94	Resp:	1132253
Ion Ratio	Lower	Upper	
94	100		
65	35.3	16.4	56.4
66	49.7	31.6	71.6





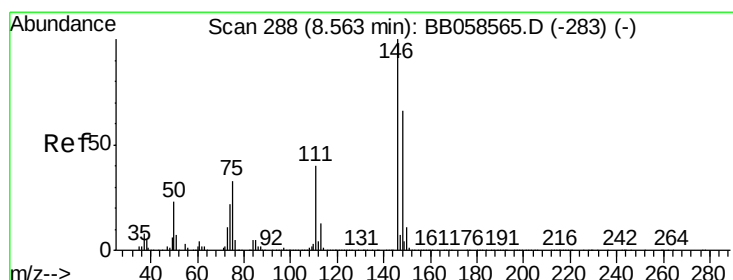
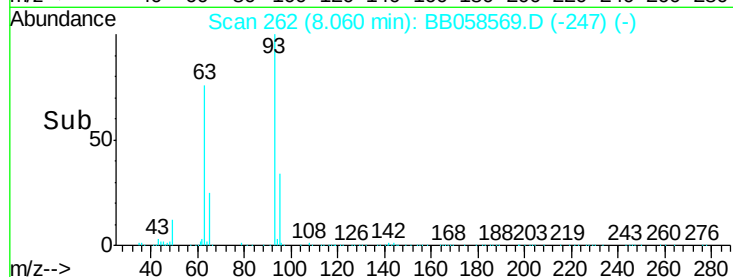
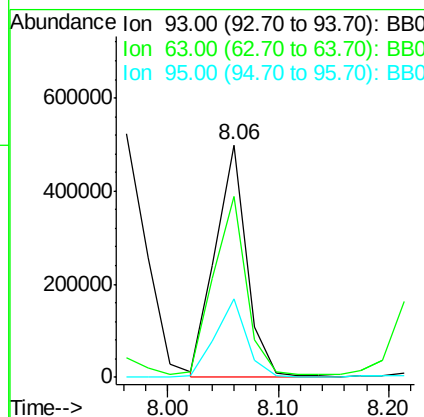
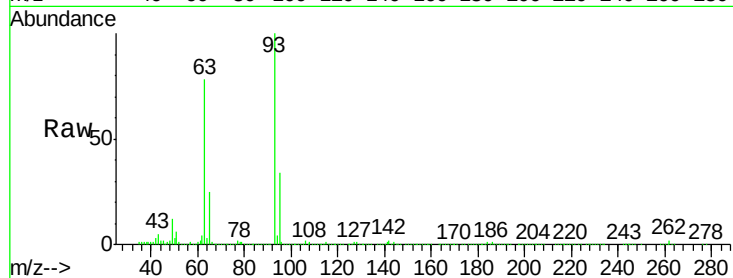
#11
bis(2-Chloroethyl)ether
Concen: 36.09 ng
RT: 8.06 min Scan# 262
Delta R.T. -0.02 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion:	93	Resp:	991784
Ion	Ratio	Lower	Upper
93	100		
63	77.7	53.6	93.6
95	33.6	14.7	54.7

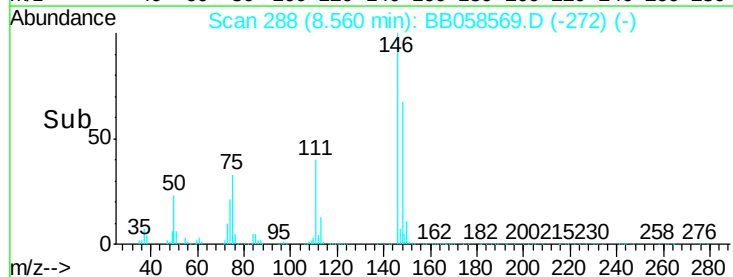
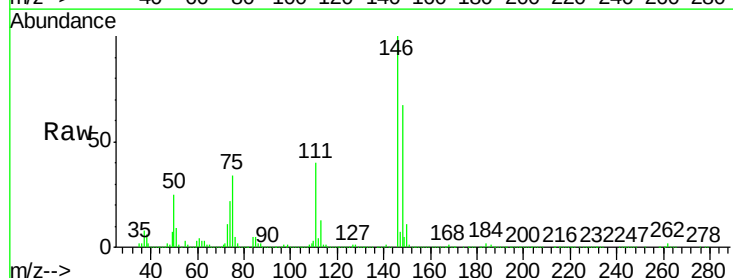
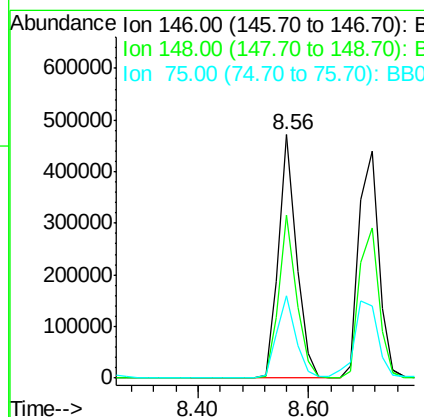
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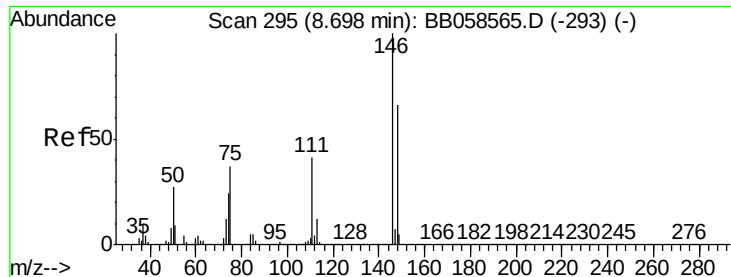
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#12
1,3-Dichlorobenzene
Concen: 36.00 ng
RT: 8.56 min Scan# 288
Delta R.T. -0.00 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Tgt Ion:	146	Resp:	1070210
Ion	Ratio	Lower	Upper
146	100		
148	66.9	52.5	78.7
75	34.0	29.7	44.5





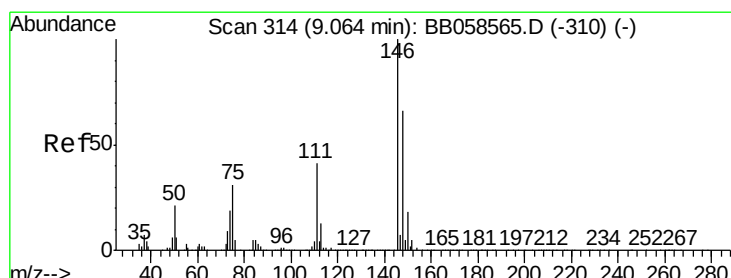
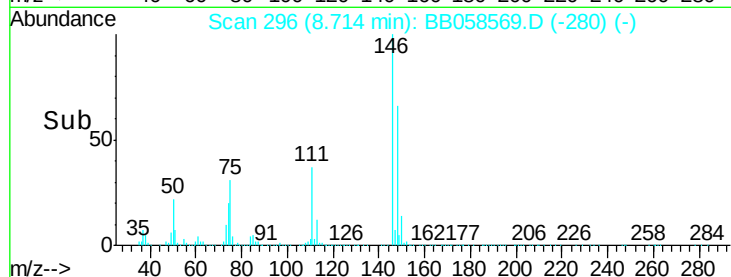
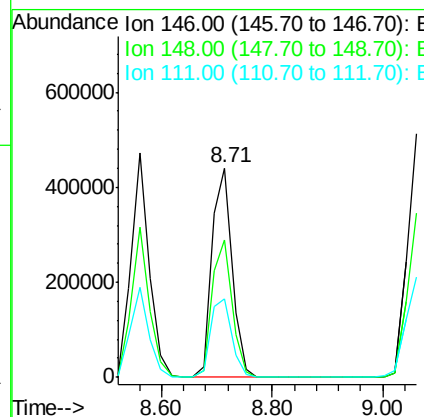
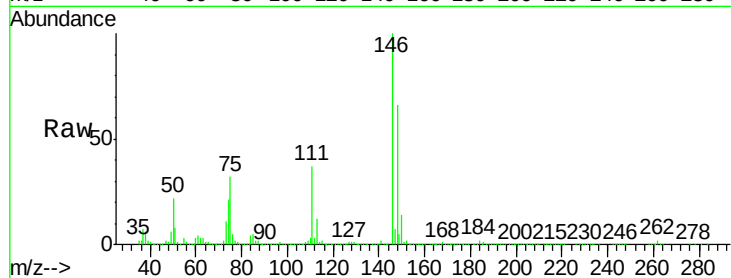
#13
 1,4-Dichlorobenzene
 Concen: 36.49 ng
 RT: 8.71 min Scan# 296
 Delta R.T. -0.00 min
 Lab File: BB058569.D
 Acq: 29 Sep 2016 22:40

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

Tot Ion:146 Resp: 1112941
 Ion Ratio Lower Upper
 146 100
 148 65.8 53.4 80.0
 111 37.3 32.0 48.0

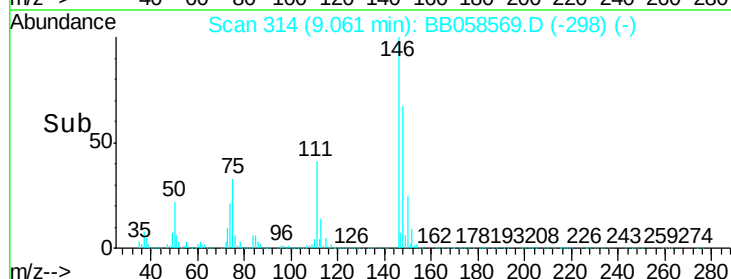
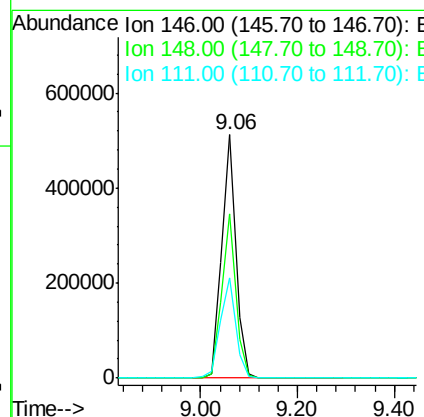
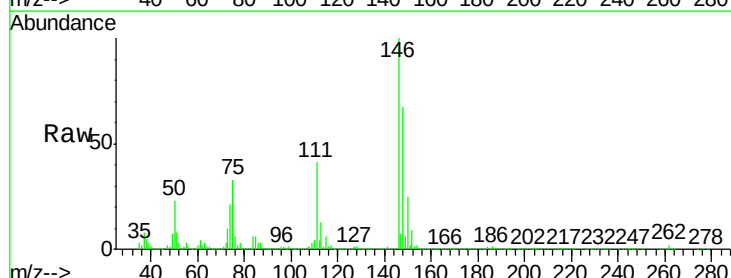
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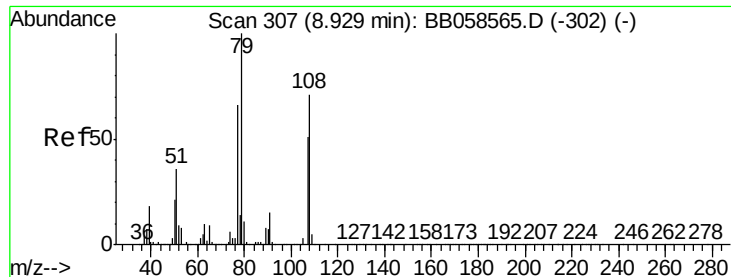
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#14
 1,2-Dichlorobenzene
 Concen: 36.66 ng
 RT: 9.06 min Scan# 314
 Delta R.T. -0.00 min
 Lab File: BB058569.D
 Acq: 29 Sep 2016 22:40

Tgt Ion:146 Resp: 1046759
 Ion Ratio Lower Upper
 146 100
 148 67.3 53.6 80.4
 111 41.1 37.4 56.0





#15

Benzyl Alcohol

Concen: 36.08 ng

RT: 8.93 min Scan# 307

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Instrument :

BNA_B

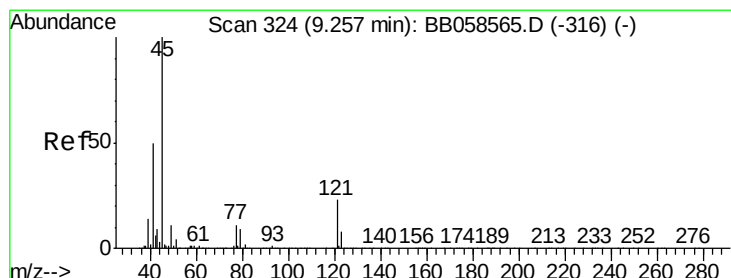
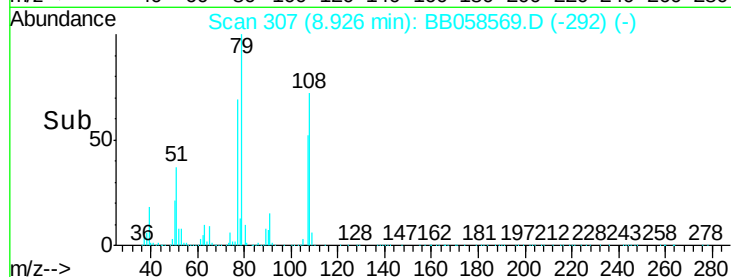
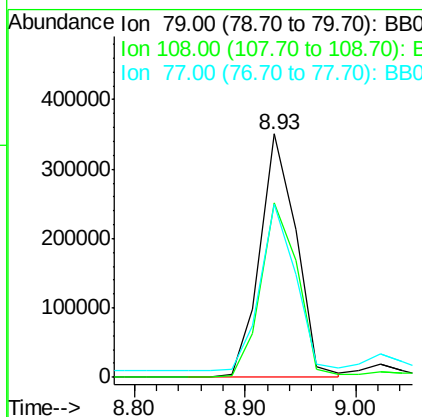
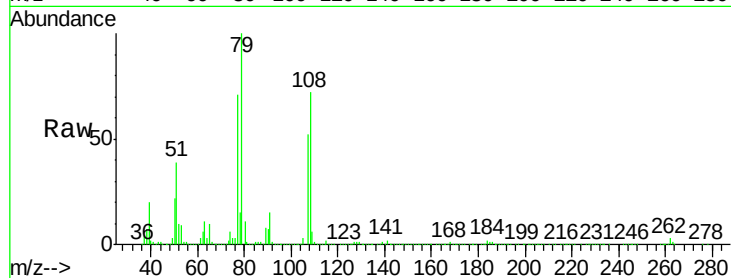
ClientSampleId :

ICVBB093016

Tot Ion:	79	Resp:	793647
Ion Ratio	Lower	Upper	
79	100		
108	71.6	58.6	87.8
77	71.1	56.9	85.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.70 ng

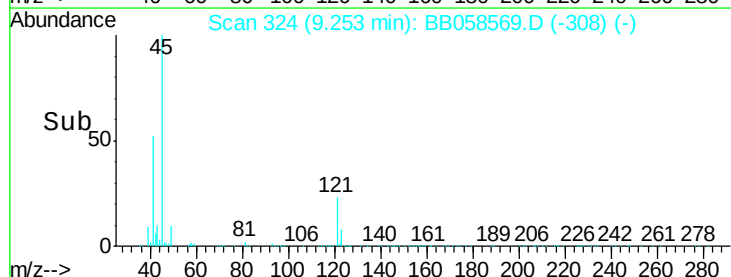
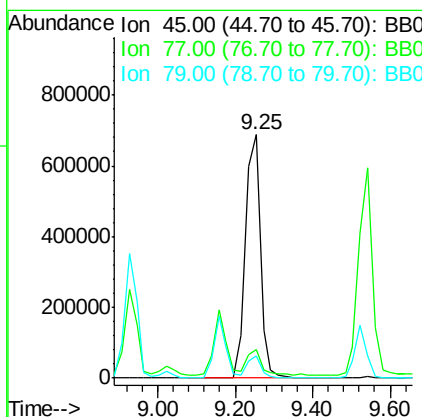
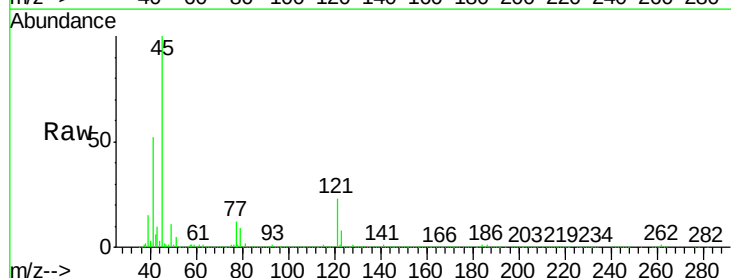
RT: 9.25 min Scan# 324

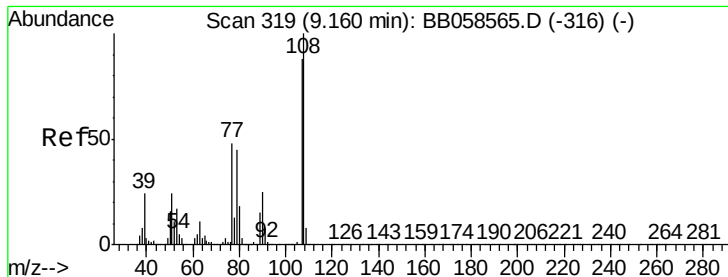
Delta R.T. -0.00 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Tgt Ion:	45	Resp:	1835263
Ion Ratio	Lower	Upper	
45	100		
77	12.0	0.0	32.3
79	9.0	0.0	28.9





#17

2-Methylphenol

Concen: 36.11 ng

RT: 9.16 min Scan# 319

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Instrument :

BNA_B

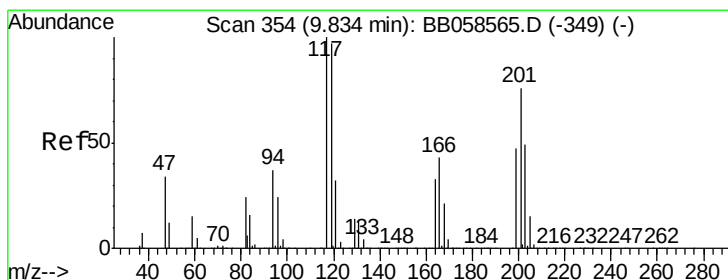
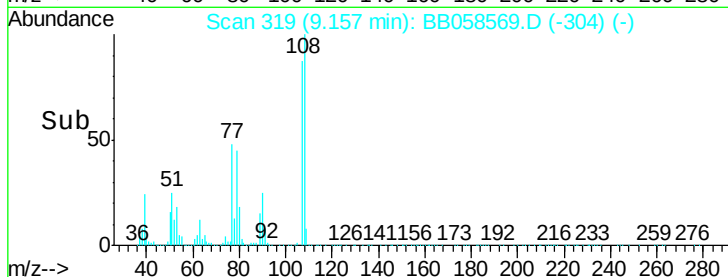
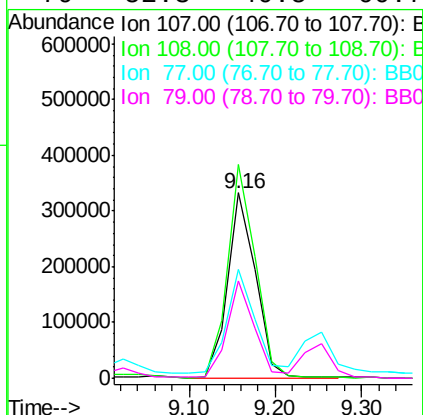
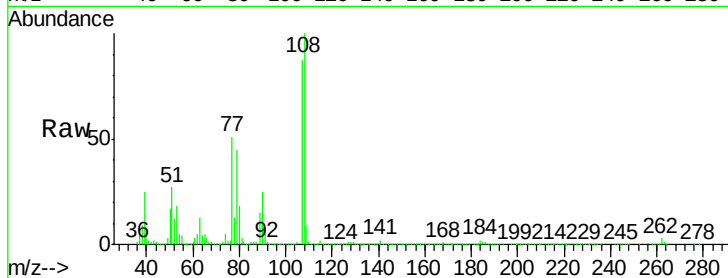
ClientSampled :

ICVBB093016

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	92.0	138.0	
77	58.4	44.9	67.3	
79	52.3	40.5	60.7	

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#18

Hexachloroethane

Concen: 36.33 ng

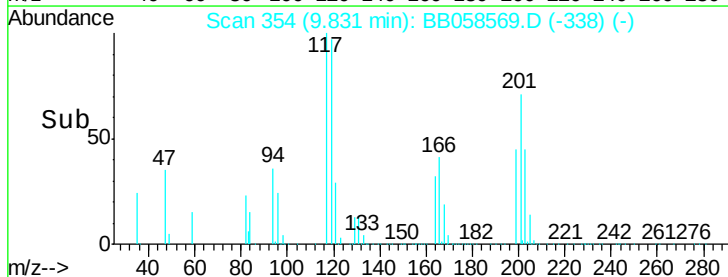
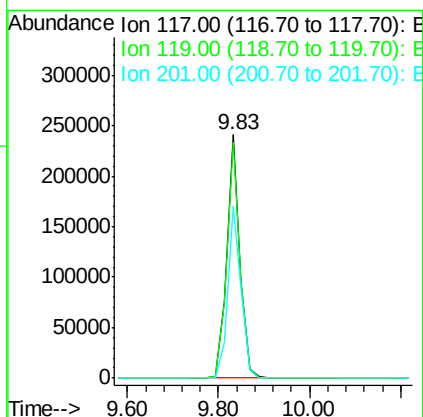
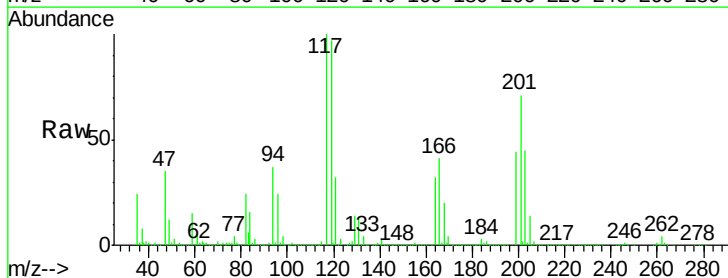
RT: 9.83 min Scan# 354

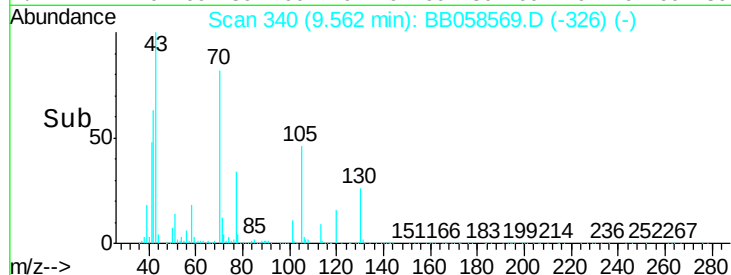
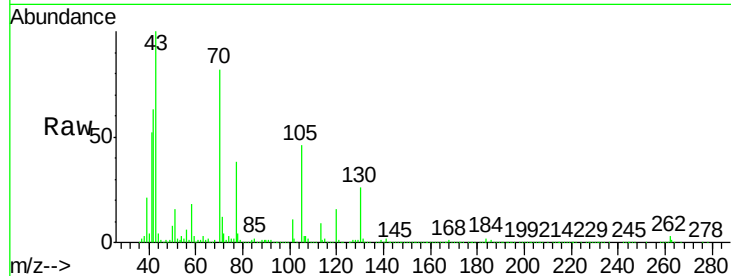
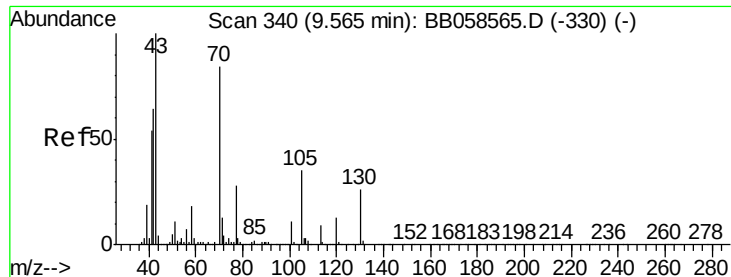
Delta R.T. -0.00 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	78.5	117.7	
201	70.8	68.8	103.2	





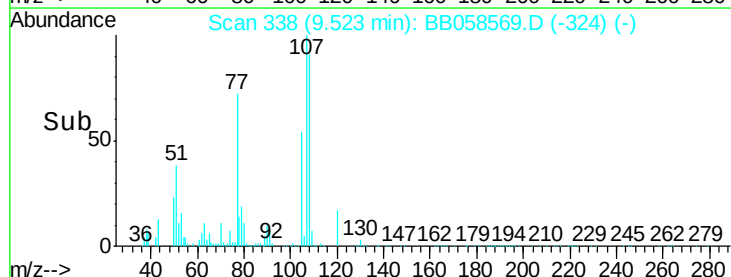
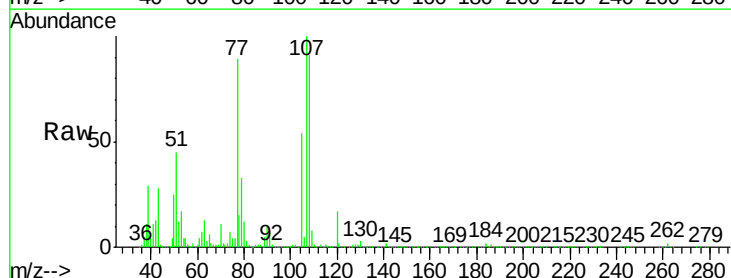
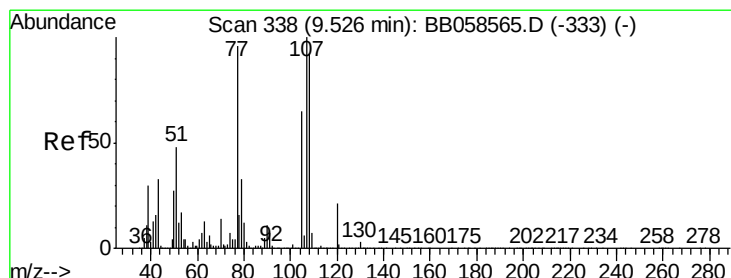
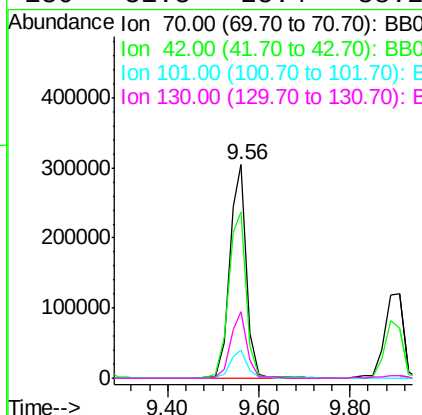
#19
n-Nitroso-di-n-propylamine
Concen: 35.88 ng
RT: 9.56 min Scan# 340
Delta R.T. -0.04 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		786682		
42	77.7	59.7	89.5		
101	13.1	10.7	16.1		
130	31.3	25.4	38.2		

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

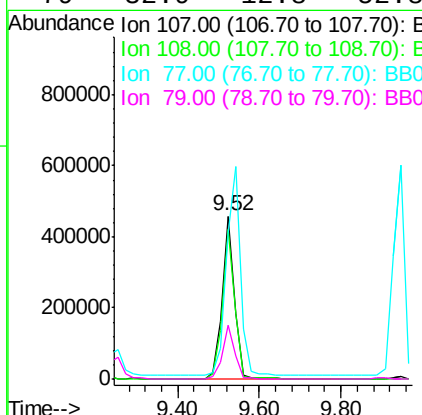
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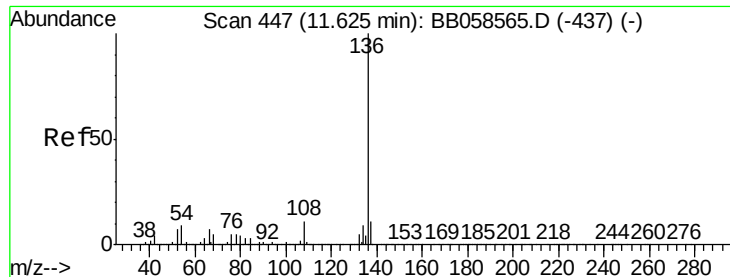
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#20
3+4-Methylphenols
Concen: 35.97 ng
RT: 9.52 min Scan# 338
Delta R.T. -0.04 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		978472		
108	91.5	70.4	110.4		
77	89.3	96.1	136.1#		
79	32.9	12.8	52.8		





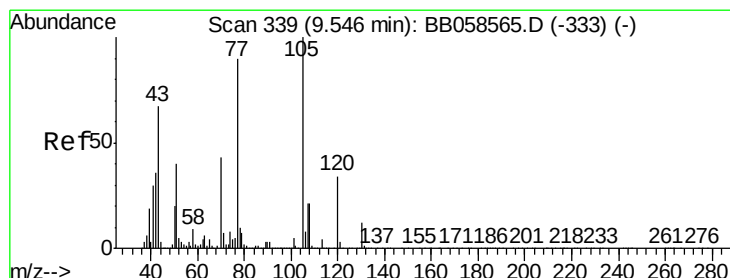
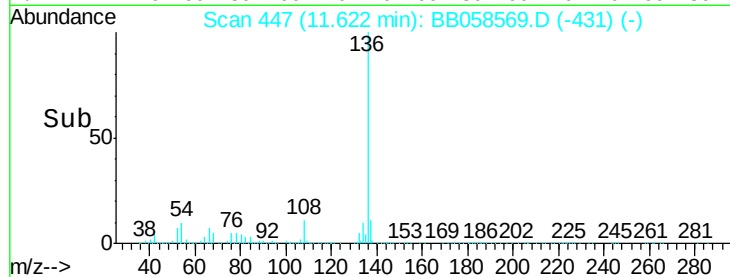
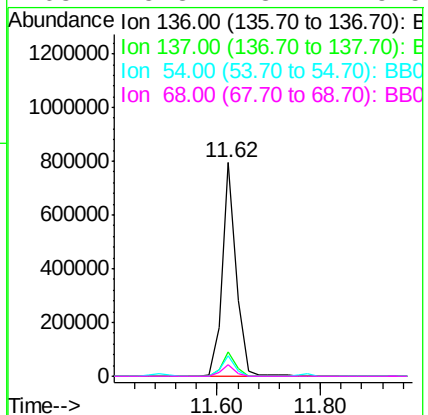
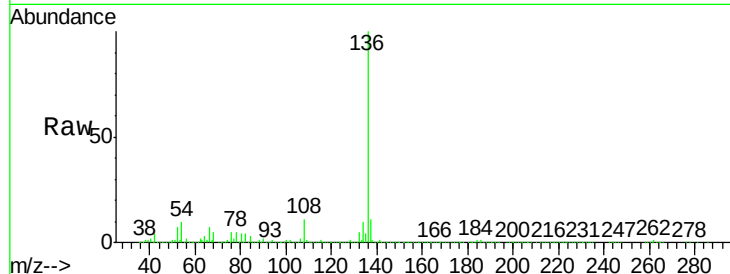
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.62 min Scan# 447
Delta R.T. -0.00 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	136	Resp	1513070
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	9.6	6.4	9.6
68	5.3	3.7	5.5

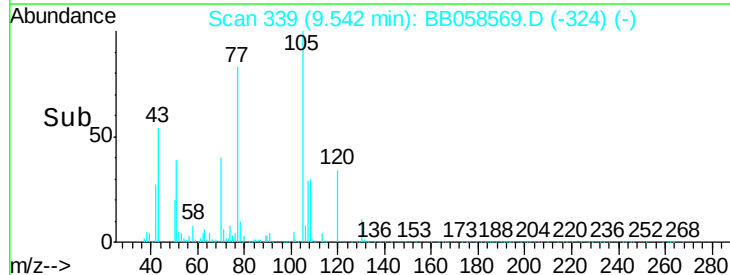
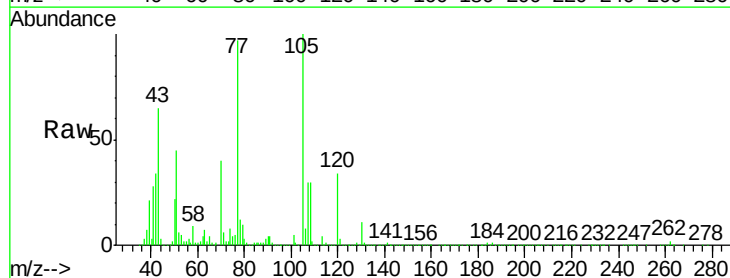
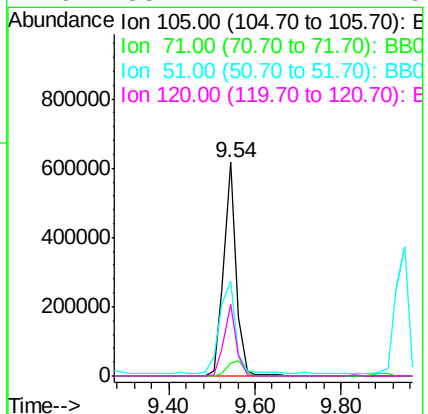
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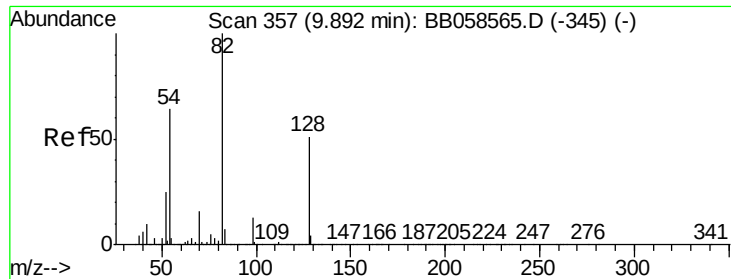
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#22
Acetophenone
Concen: 36.05 ng
RT: 9.54 min Scan# 339
Delta R.T. -0.02 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Tgt Ion	105	Resp	1250911
Ion	Ratio	Lower	Upper
105	100		
71	6.2	3.6	5.4#
51	44.5	37.3	55.9
120	33.7	27.4	41.0





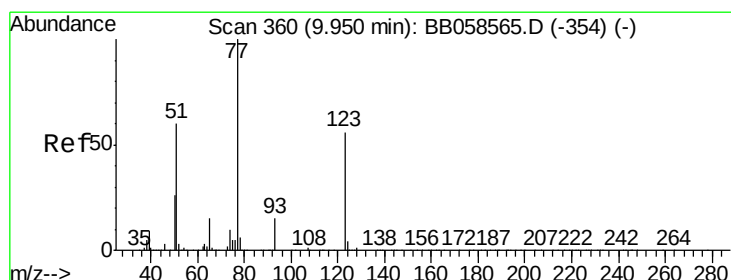
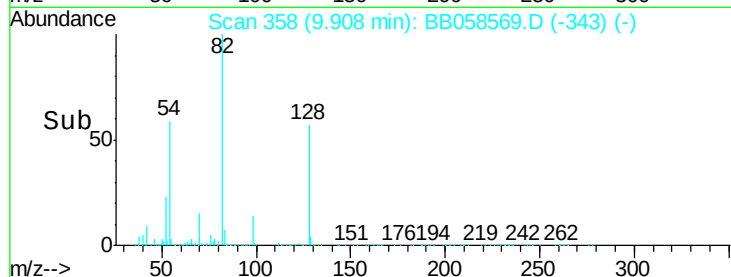
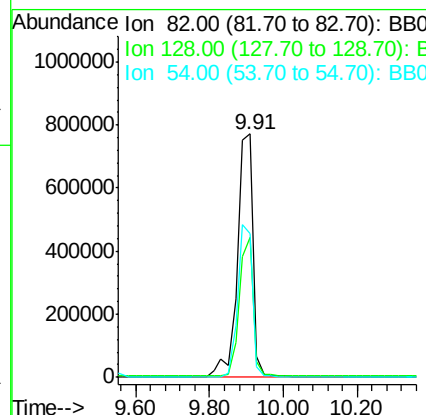
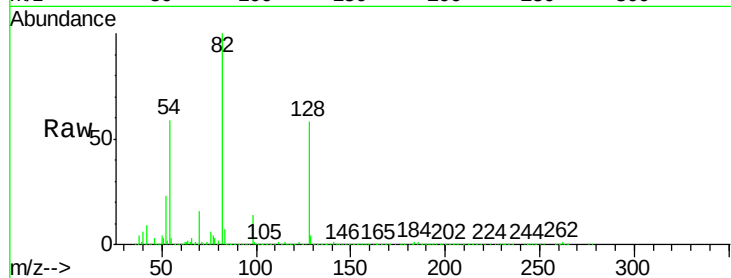
#23
 Nitrobenzene-d5
 Concen: 73.32 ng
 RT: 9.91 min Scan# 358
 Delta R.T. -0.02 min
 Lab File: BB058569.D
 Acq: 29 Sep 2016 22:40

Instrument :
 BNA_B
 ClientSampled :
 ICVBB093016

Tot Ion	82	Resp	2303369
Ion Ratio	100	Lower	Upper
128	57.7	48.4	72.6
54	59.2	47.8	71.8

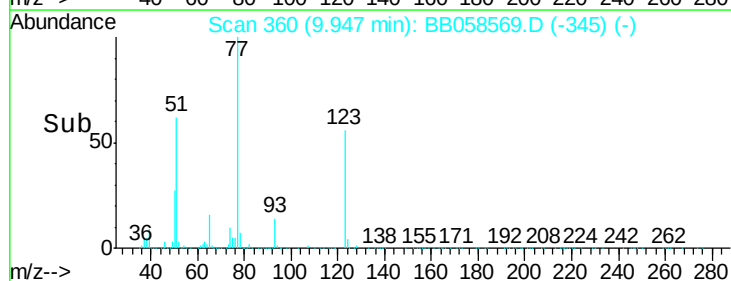
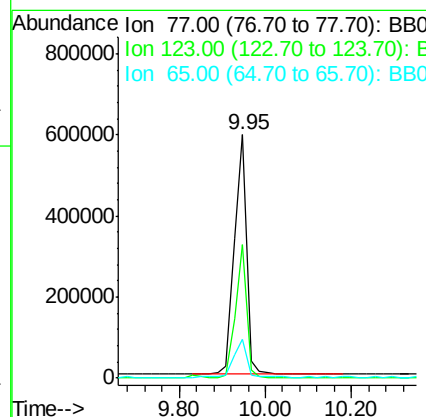
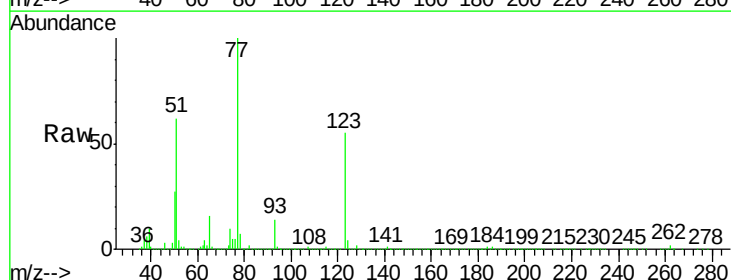
Manual Integrations
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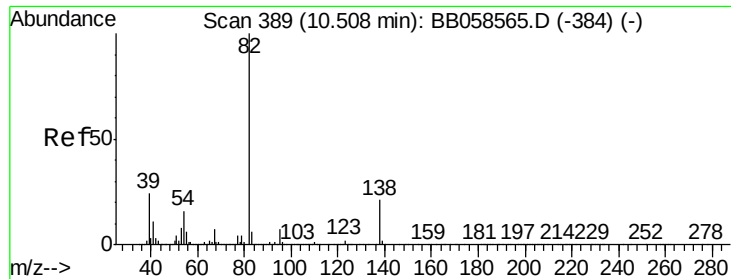
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#24
 Nitrobenzene
 Concen: 36.86 ng
 RT: 9.95 min Scan# 360
 Delta R.T. -0.02 min
 Lab File: BB058569.D
 Acq: 29 Sep 2016 22:40

Tgt Ion	77	Resp	1167893
Ion Ratio	100	Lower	Upper
123	54.7	46.2	69.2
65	16.2	13.3	19.9





#25

Isophorone

Concen: 35.27 ng

RT: 10.51 min Scan# 389

Delta R.T. -0.04 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Instrument :

BNA_B

ClientSampleId :

ICVBB093016

Tot Ion: 82 Resp: 2142859

Ion Ratio Lower Upper

82 100

95 7.0 5.9 8.9

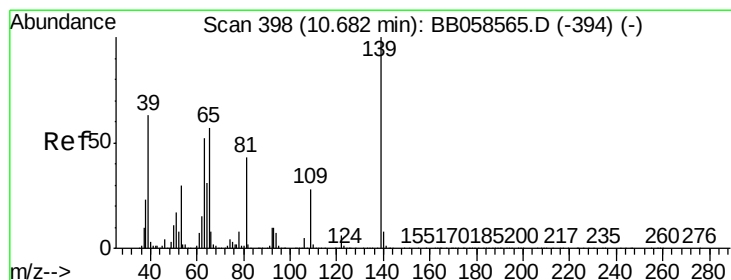
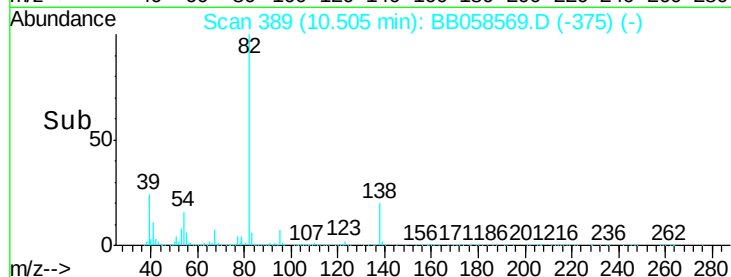
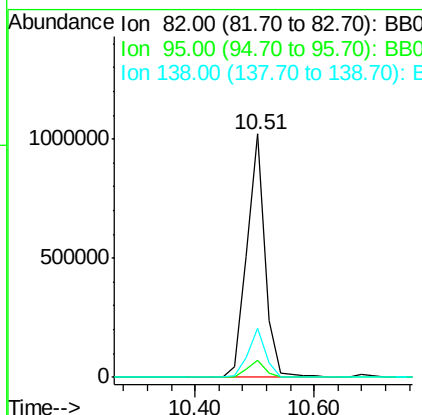
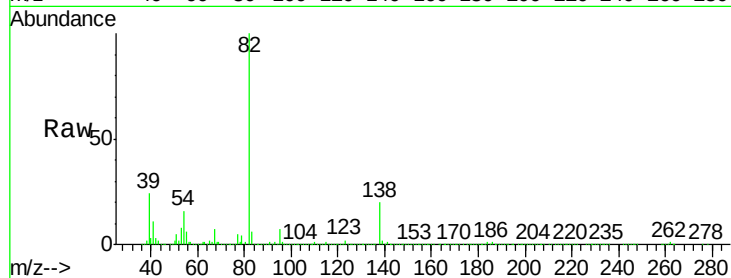
138 20.2 17.0 25.6

Manual Integrations

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#26

2-Nitrophenol

Concen: 36.88 ng

RT: 10.70 min Scan# 399

Delta R.T. -0.00 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

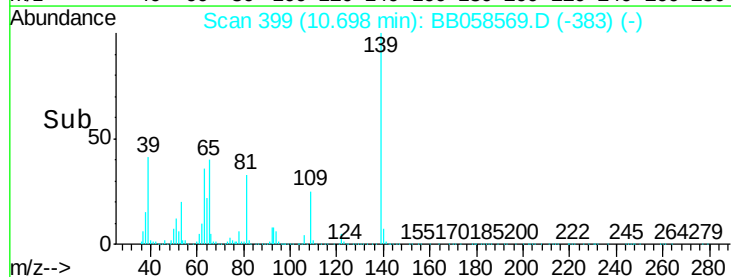
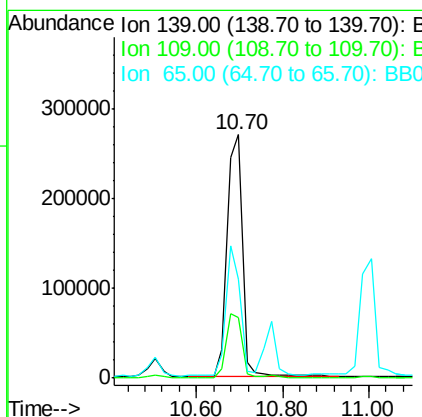
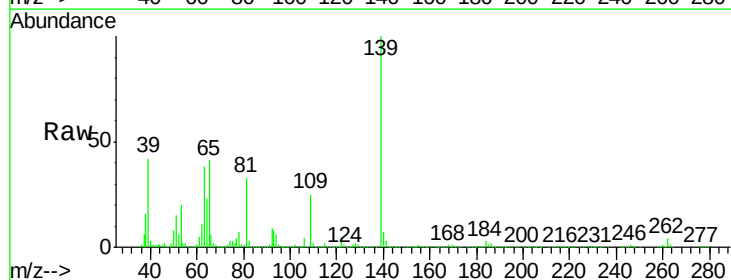
Tgt Ion: 139 Resp: 668109

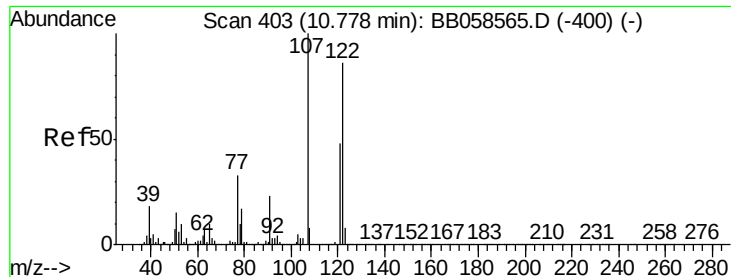
Ion Ratio Lower Upper

139 100

109 24.8 22.0 33.0

65 40.7 42.4 63.6#





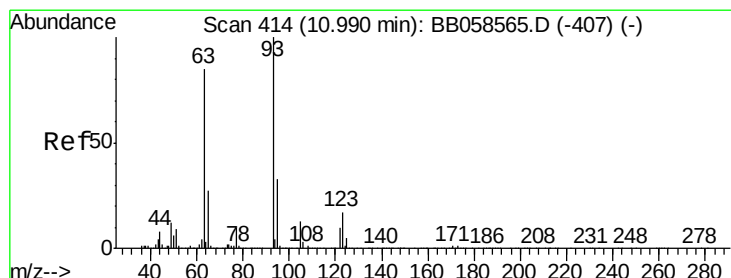
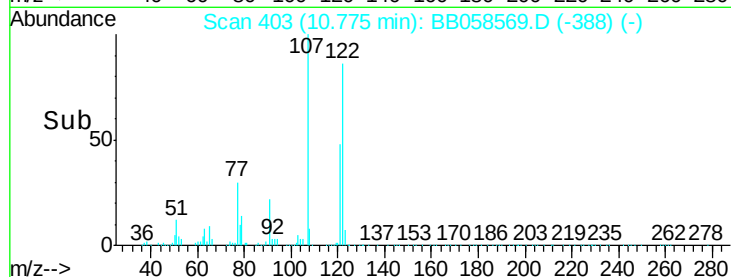
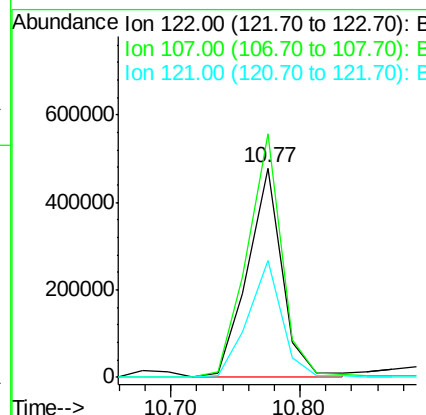
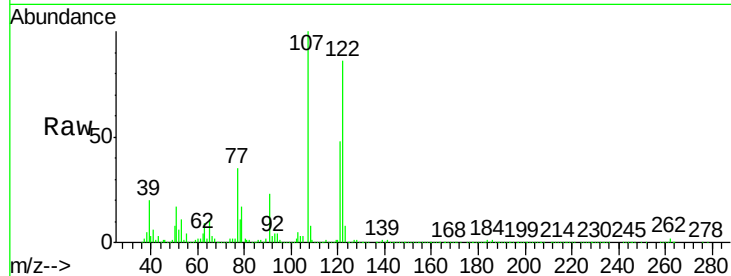
#27
 2,4-Dimethylphenol
 Concen: 34.73 ng
 RT: 10.77 min Scan# 403
 Delta R.T. -0.02 min
 Lab File: BB058569.D
 Acq: 29 Sep 2016 22:40

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

Tot Ion	Ratio	Resp	Lower	Upper
122	100	892921		
107	116.2	90.0	135.0	
121	55.7	45.1	67.7	

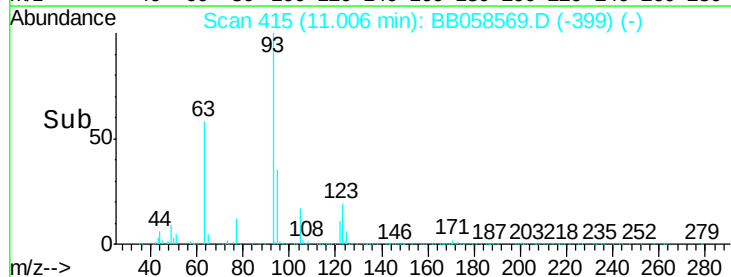
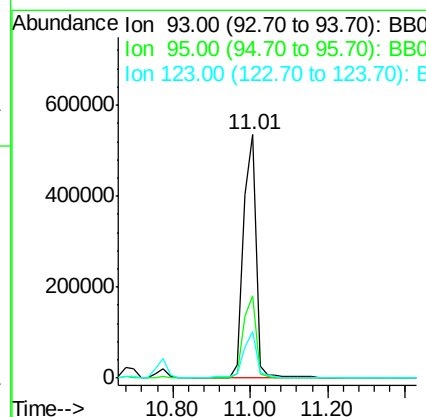
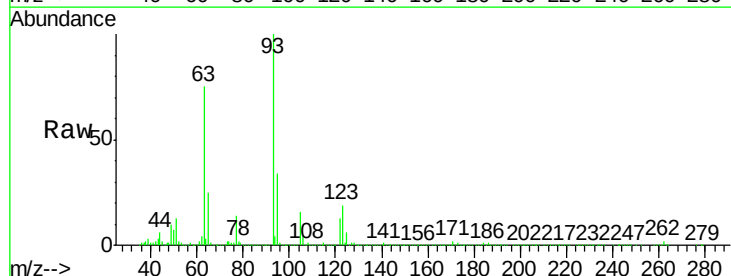
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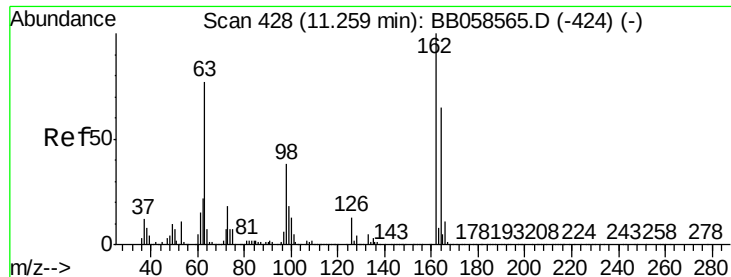
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.69 ng
 RT: 11.01 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BB058569.D
 Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1179232		
95	34.1	27.0	40.6	
123	19.3	13.9	20.9	





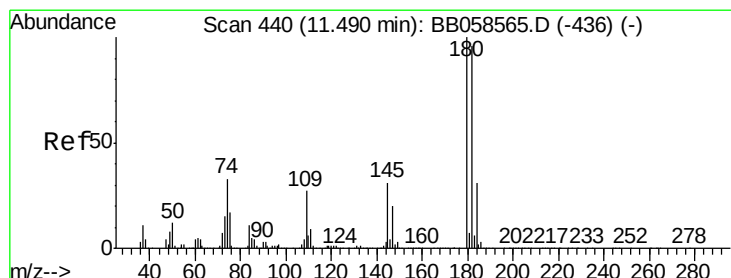
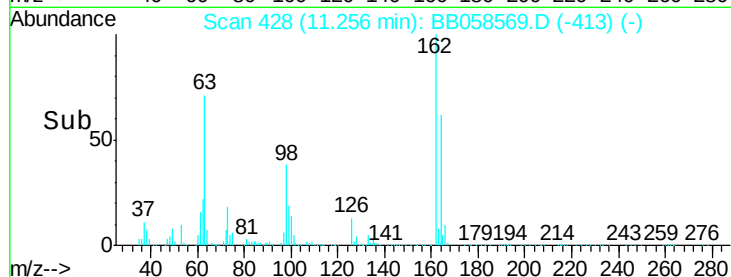
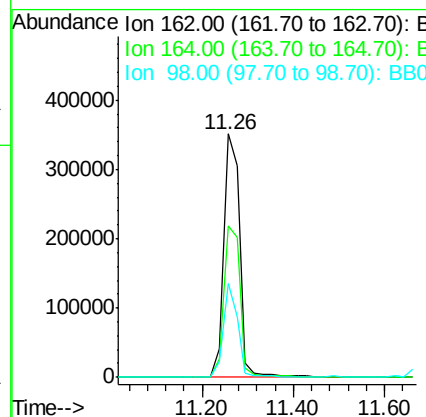
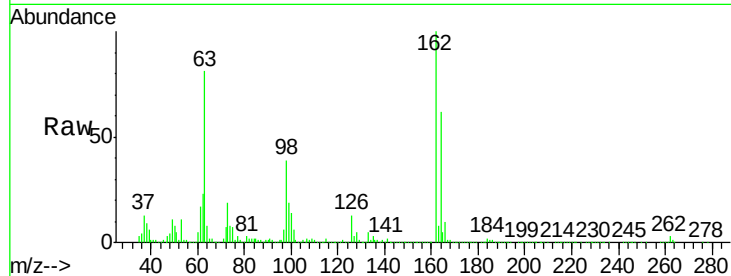
#29
2,4-Dichlorophenol
Concen: 36.21 ng
RT: 11.26 min Scan# 428
Delta R.T. -0.02 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	Ratio	Resp	Lower	Upper
162	100	863847		
164	62.4	44.2	84.2	
98	38.5	16.4	56.4	

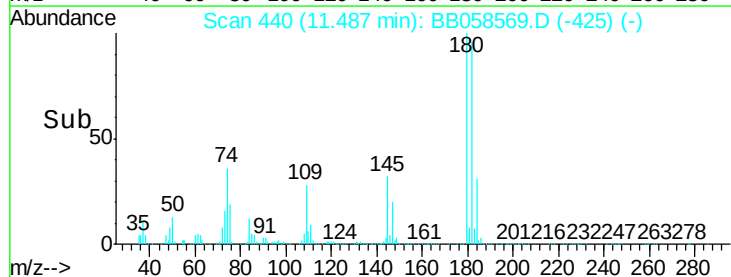
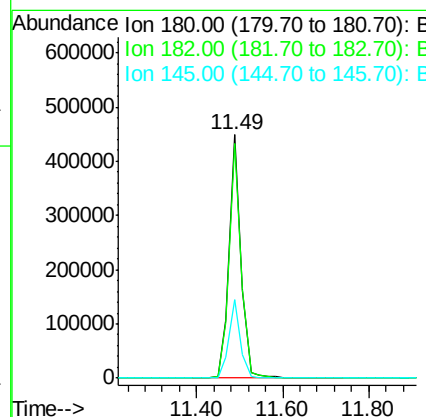
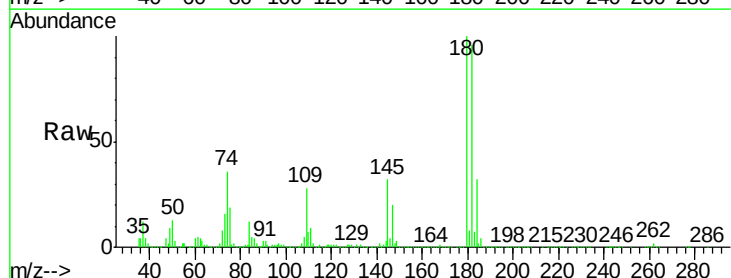
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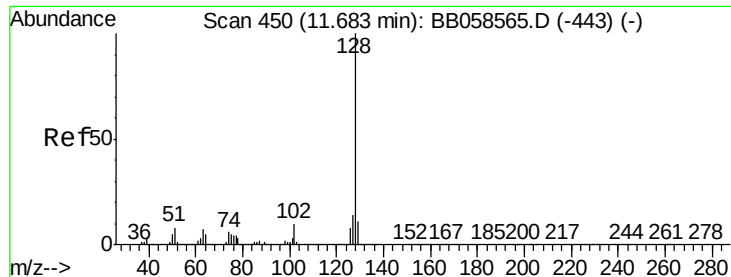
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#30
1,2,4-Trichlorobenzene
Concen: 35.80 ng
RT: 11.49 min Scan# 440
Delta R.T. -0.02 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	864626		
182	96.2	77.4	116.2	
145	32.2	24.0	36.0	





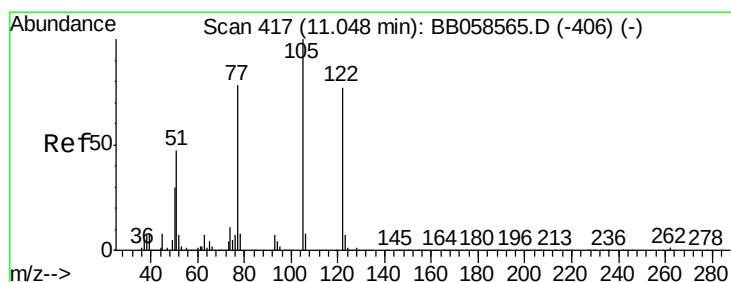
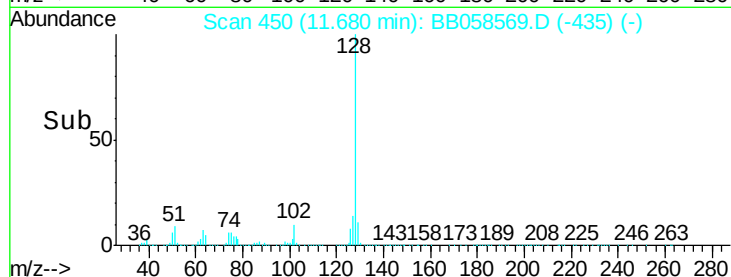
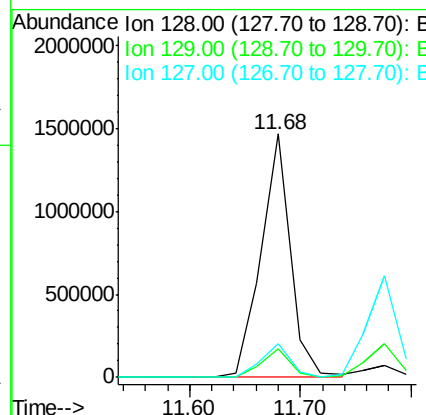
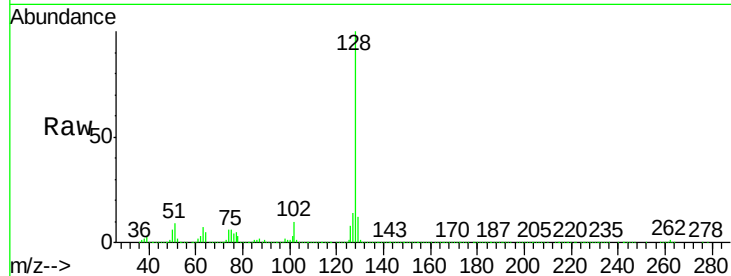
#31
Naphthalene
Concen: 36.34 ng
RT: 11.68 min Scan# 450
Delta R.T. -0.02 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.3	15.5
127	13.8	12.5	18.7

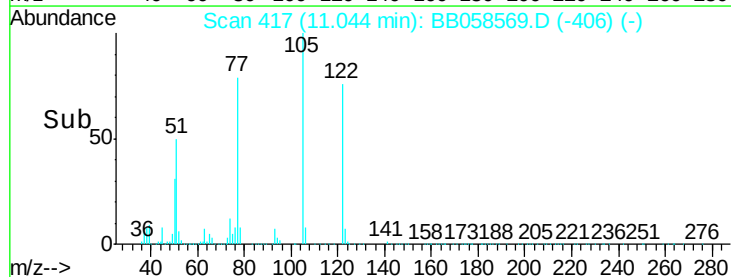
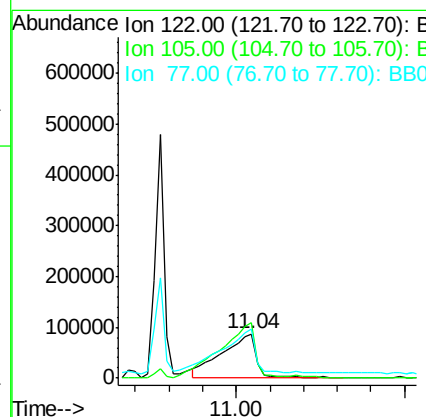
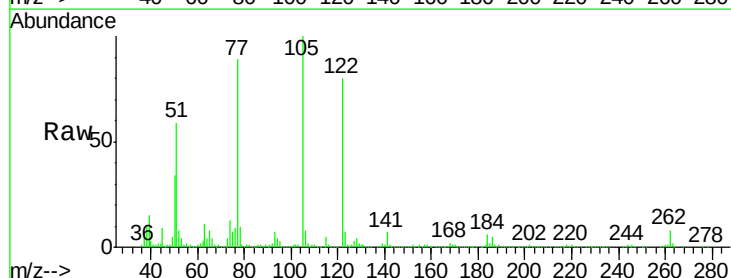
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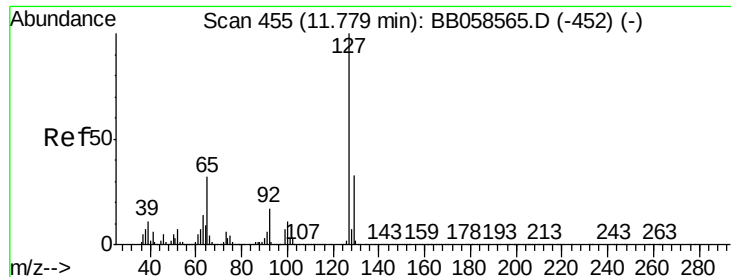
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#32
Benzoic acid
Concen: 34.93 ng
RT: 11.04 min Scan# 417
Delta R.T. -0.10 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.3	102.6	142.6
77	111.1	86.7	126.7





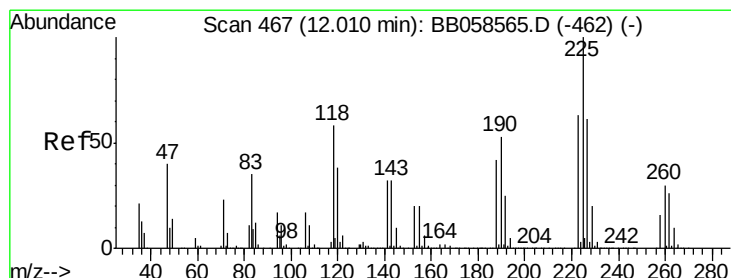
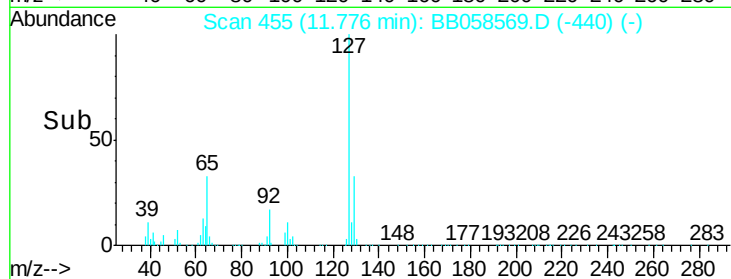
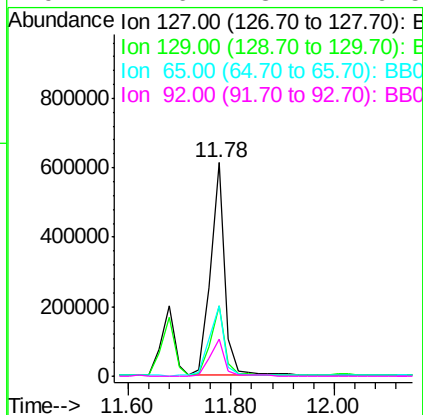
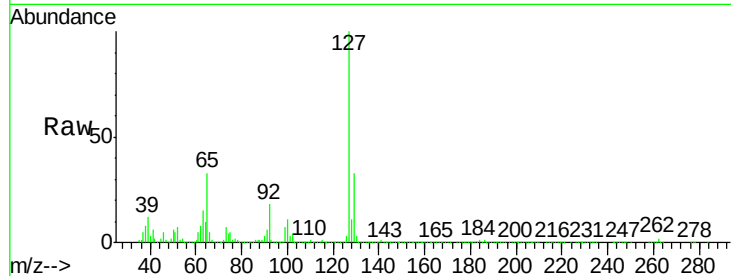
#33
 4-Chloroaniline
 Concen: 36.30 ng
 RT: 11.78 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BB058569.D
 Acq: 29 Sep 2016 22:40

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	27.1	40.7		
65	33.1	25.4	38.0		
92	17.6	13.7	20.5		

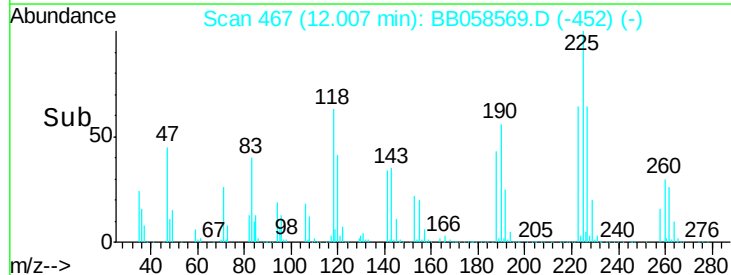
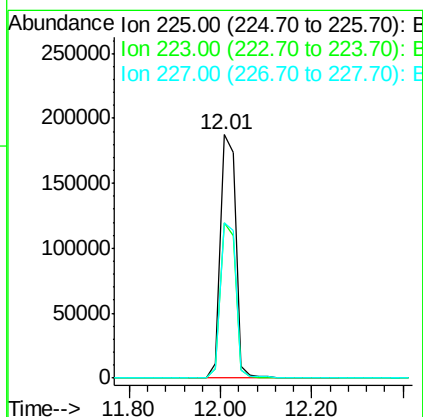
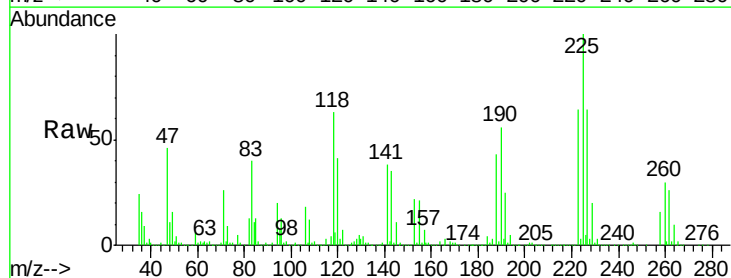
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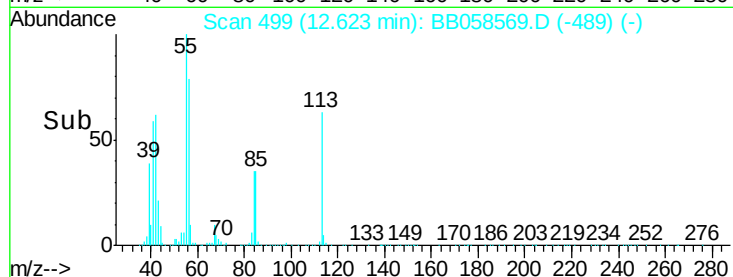
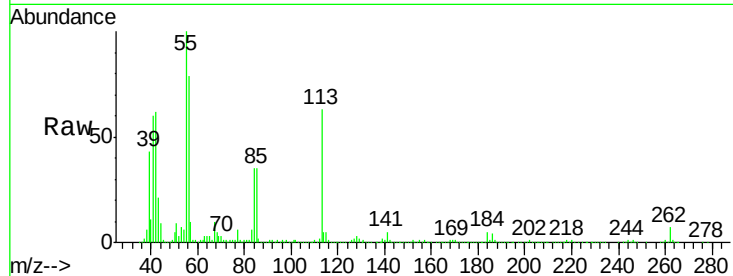
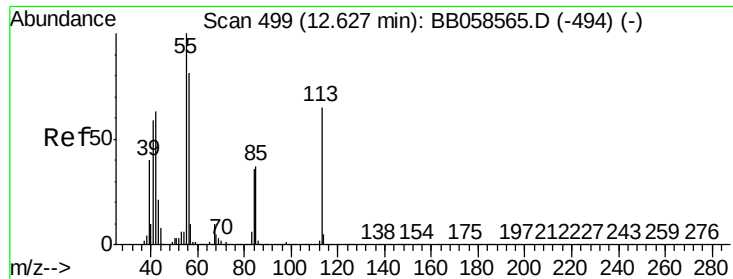
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#34
 Hexachlorobutadiene
 Concen: 35.45 ng
 RT: 12.01 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BB058569.D
 Acq: 29 Sep 2016 22:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	50.8	76.2		
227	63.7	51.0	76.4		





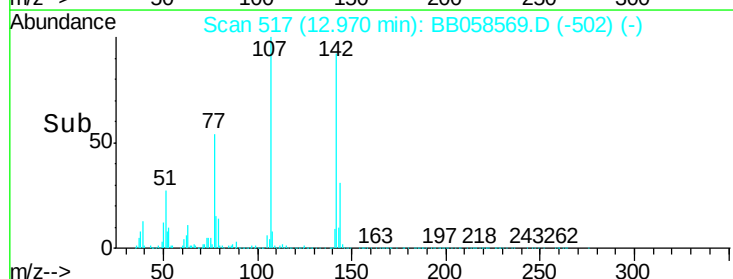
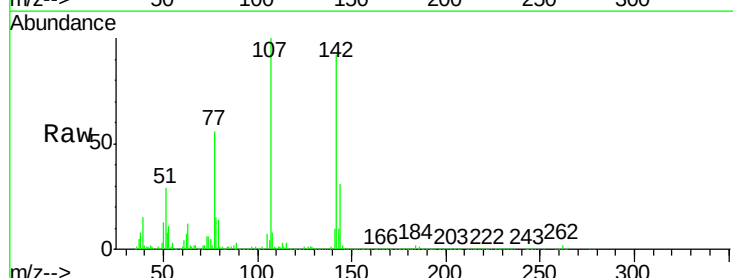
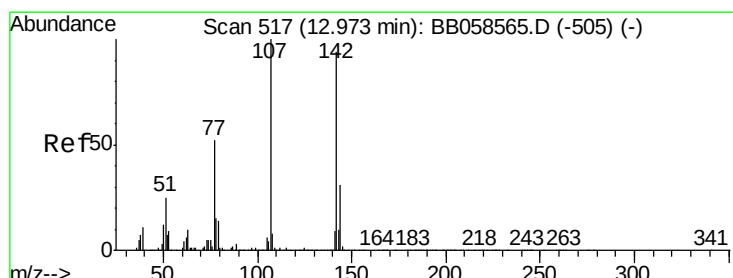
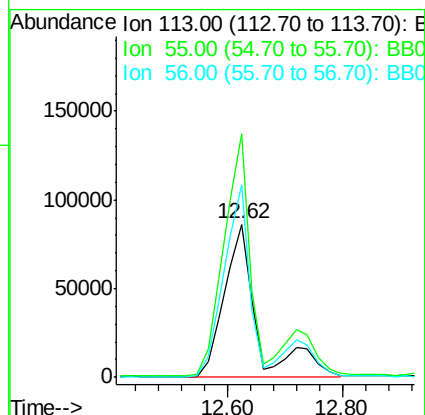
#35
Caprolactam
Concen: 35.16 ng/ml
RT: 12.62 min Scan# 499
Delta R.T. -0.12 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	158.9	109.4	149.4#	
56	125.2	84.1	124.1#	

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

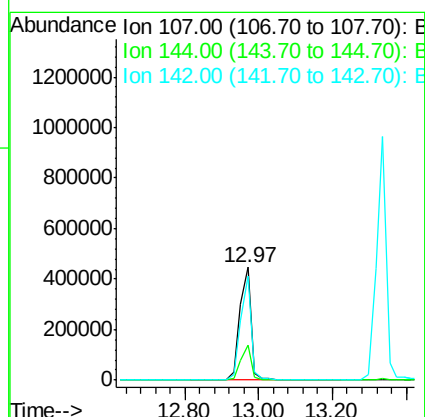
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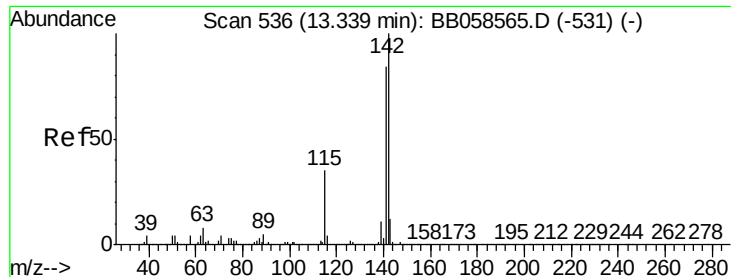
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#36
4-Chloro-3-methylphenol
Concen: 36.94 ng/ml
RT: 12.97 min Scan# 517
Delta R.T. -0.02 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	30.8	23.9	35.9	
142	92.4	70.5	105.7	





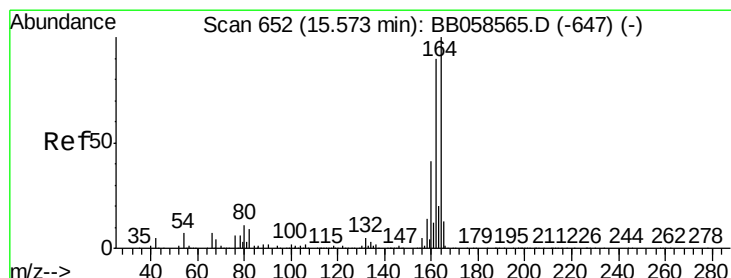
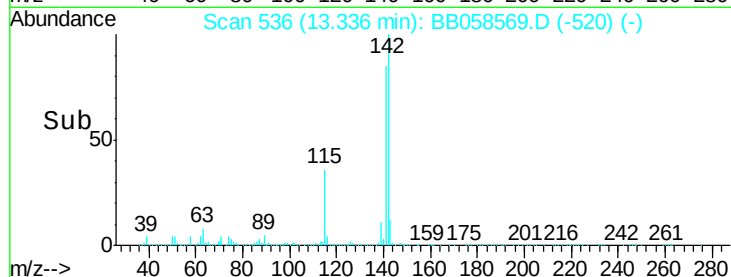
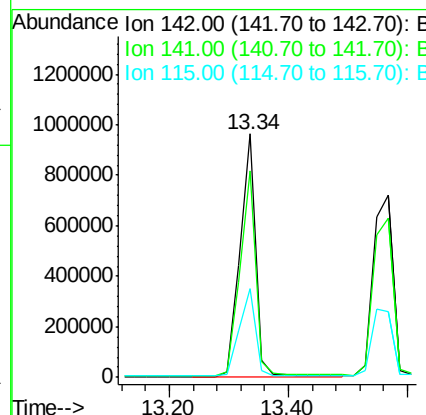
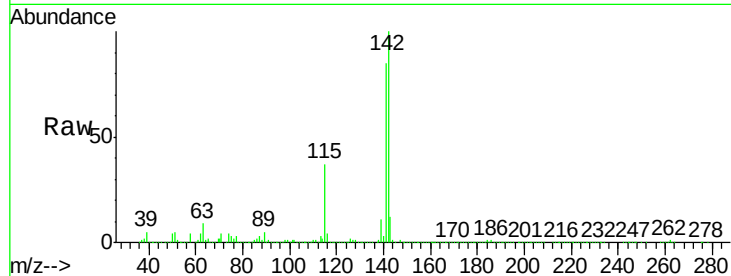
#37
2-Methylnaphthalene
Concen: 36.78 ng
RT: 13.34 min Scan# 536
Delta R.T. -0.00 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.0	67.5	101.3
115	36.6	28.9	43.3

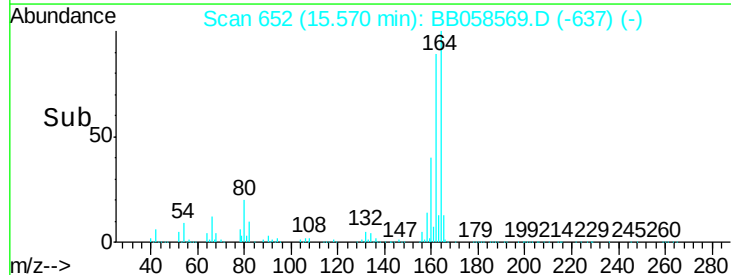
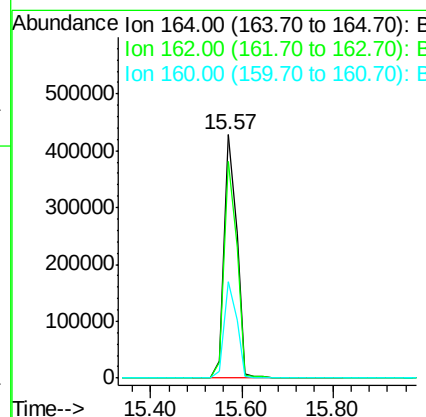
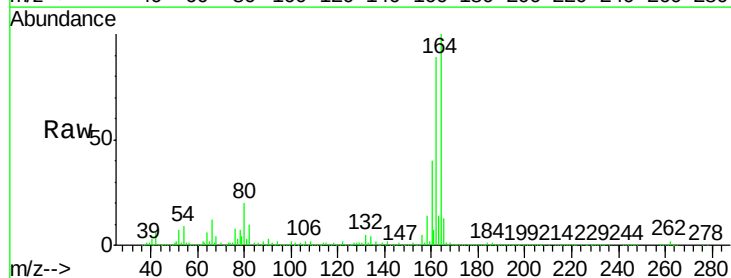
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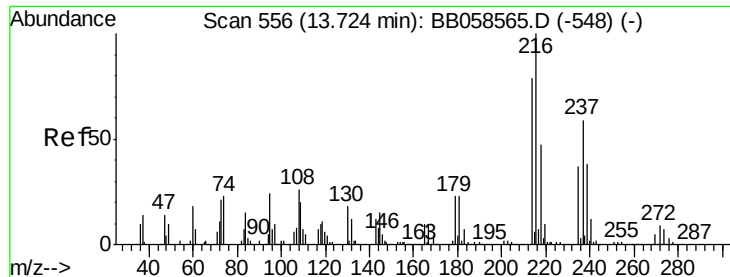
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.57 min Scan# 652
Delta R.T. -0.02 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	89.0	71.2	106.8
160	39.8	32.8	49.2





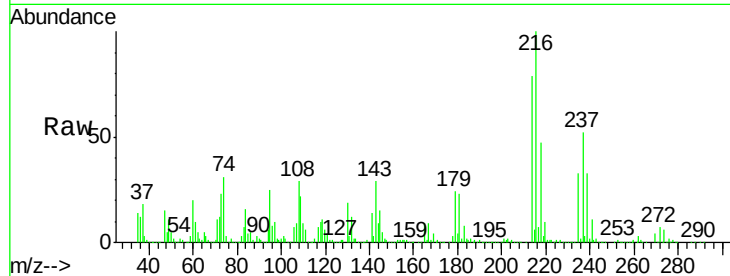
#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.29 ng
RT: 13.72 min Scan# 556
Delta R.T. -0.02 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Instrument :
BNA_B
ClientSampled :
ICVBB093016

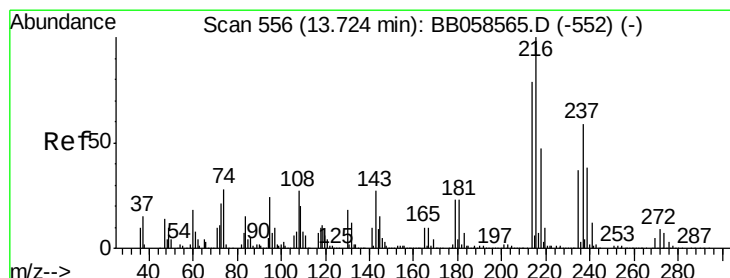
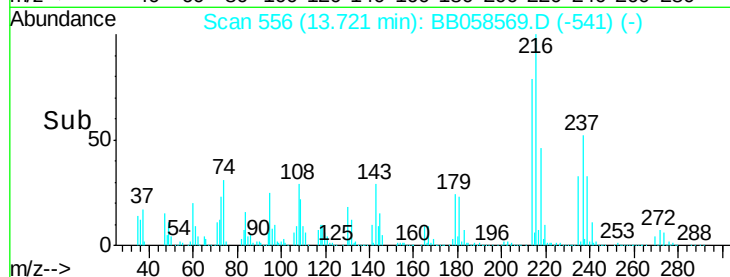
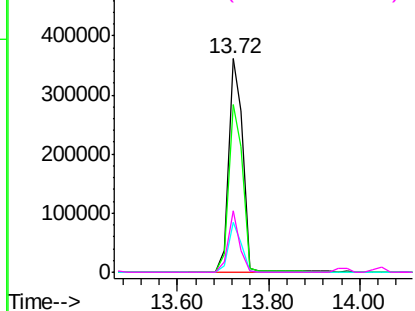
Tot Ion	Ratio	Resp	Lower	Upper
216	100	802975		
214	78.5	63.5	95.3	
179	21.8	18.1	27.1	
108	23.3	19.7	29.5	

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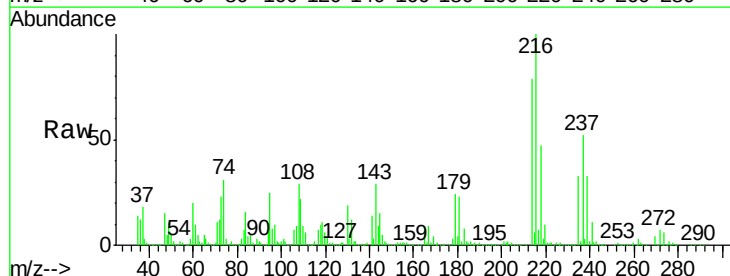


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

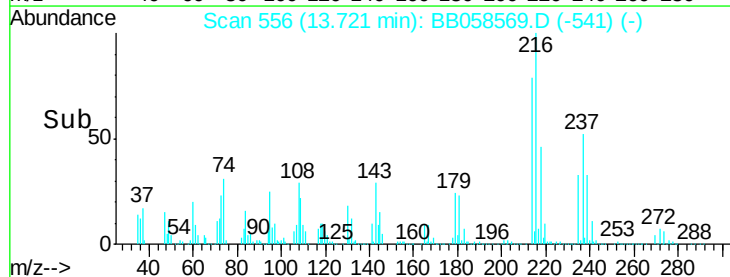
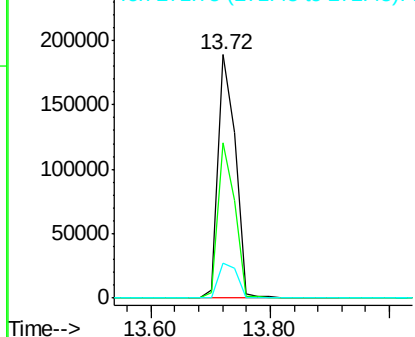


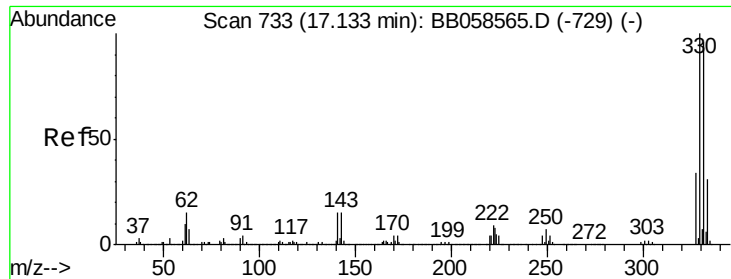
#40
Hexachlorocyclopentadiene
Concen: 32.72 ng
RT: 13.72 min Scan# 556
Delta R.T. -0.02 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	384401		
235	63.6	43.9	83.9	
272	14.2	0.0	36.2	



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





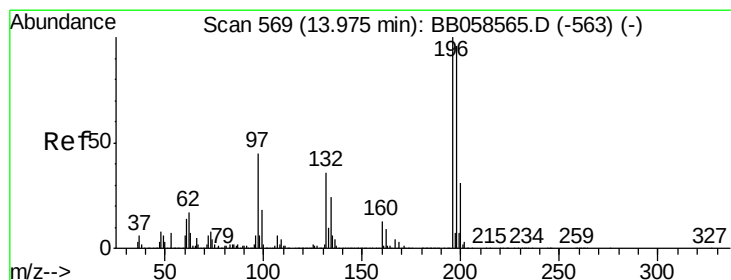
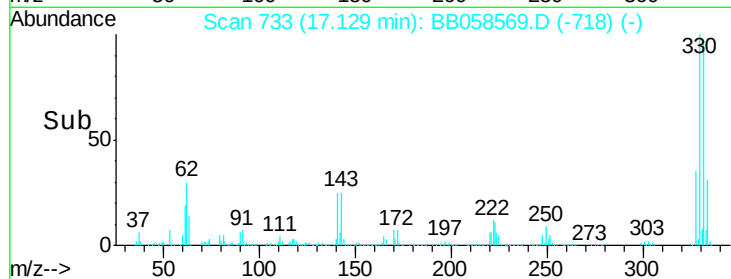
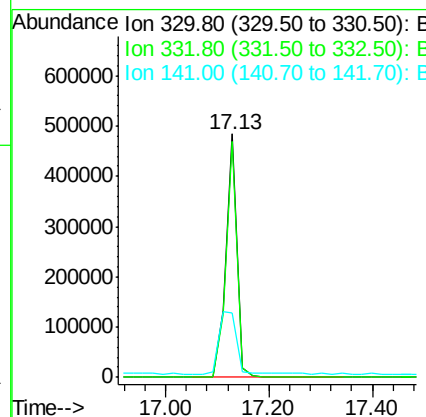
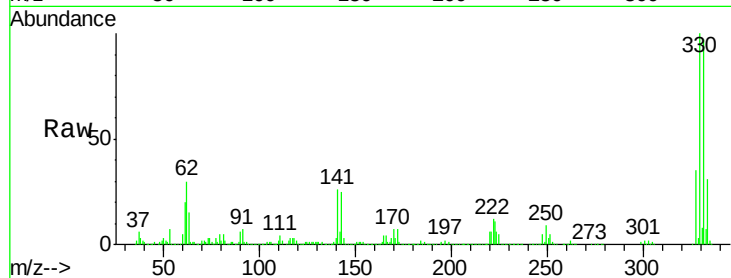
#41
 2,4,6-Tribromophenol
 Concen: 69.24 ng
 RT: 17.13 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BB058569.D
 Acq: 29 Sep 2016 22:40

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	77.4	116.0	
141	39.4	32.5	48.7	

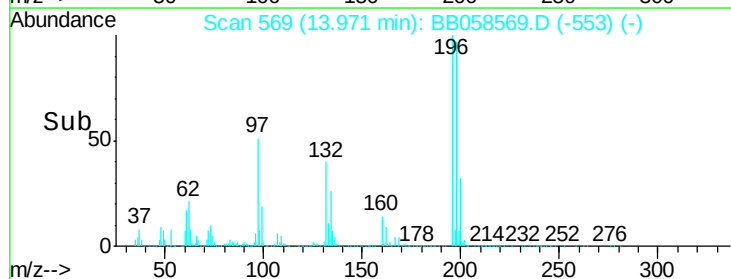
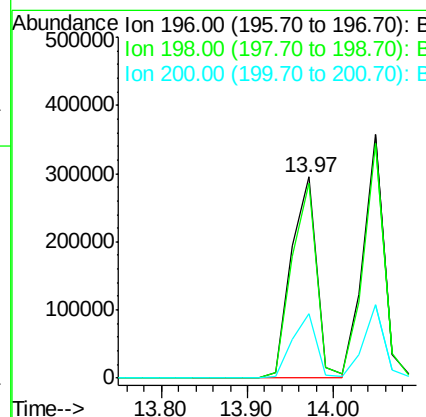
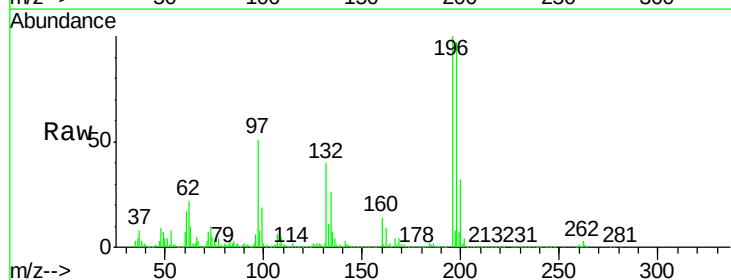
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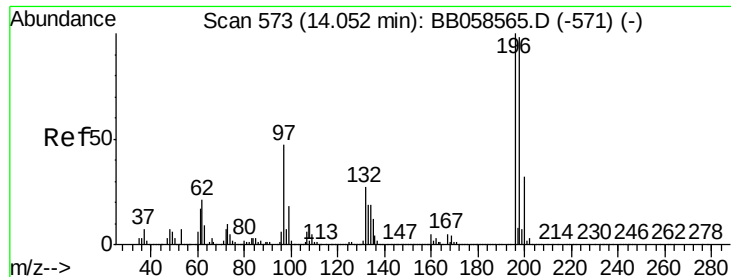
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#42
 2,4,6-Trichlorophenol
 Concen: 32.42 ng
 RT: 13.97 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BB058569.D
 Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.9	78.6	118.0	
200	31.9	25.9	38.9	





#43

2,4,5-Trichlorophenol

Concen: 32.00 ng

RT: 14.05 min Scan# 573

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Instrument :

BNA_B

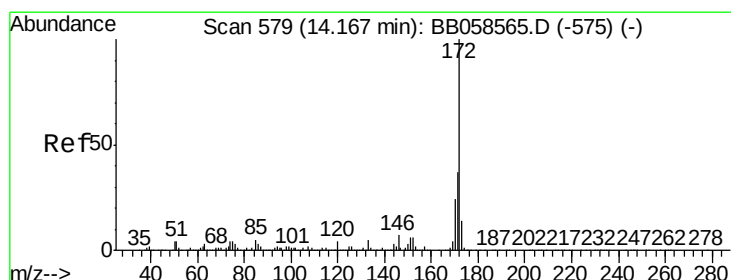
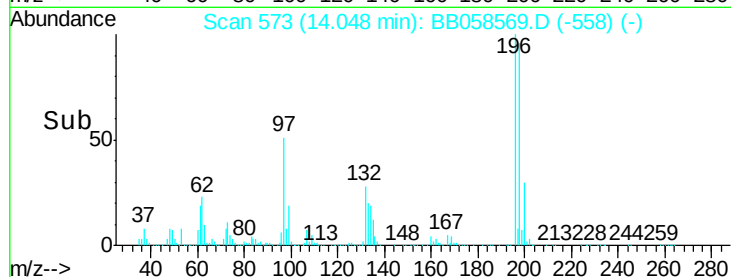
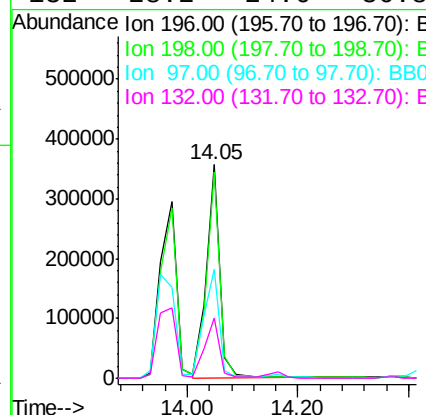
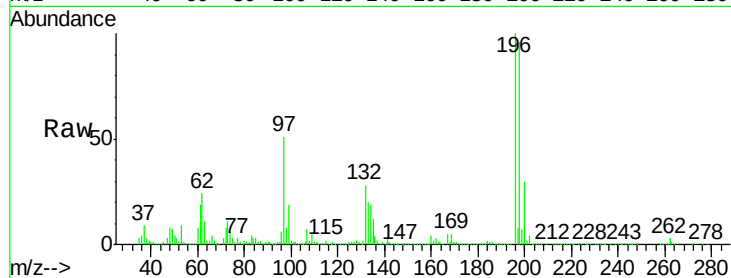
ClientSampled :

ICVBB093016

Tot Ion:	196	Resp:	611017
Ion Ratio		Lower	Upper
196	100		
198	96.3	76.0	114.0
97	50.8	44.6	66.8
132	28.2	24.6	36.8

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#44

2-Fluorobiphenyl

Concen: 69.32 ng

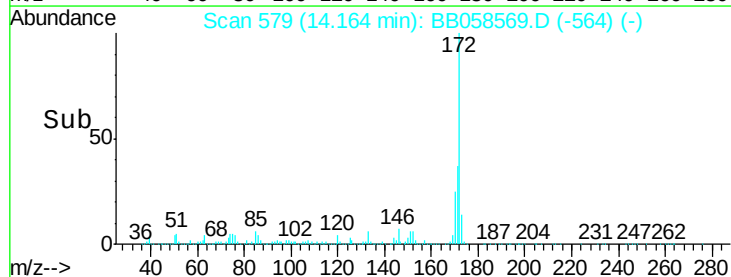
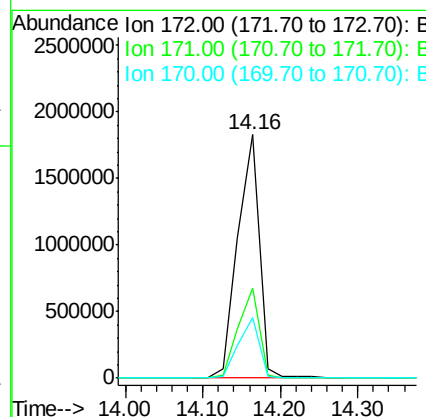
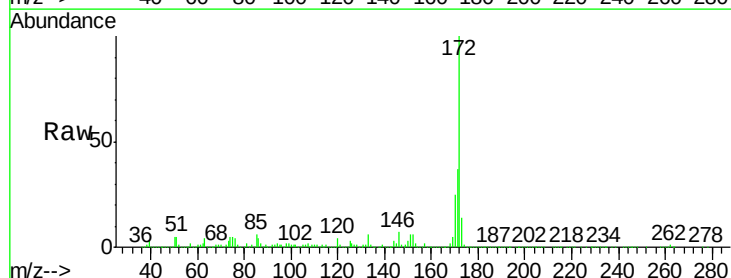
RT: 14.16 min Scan# 579

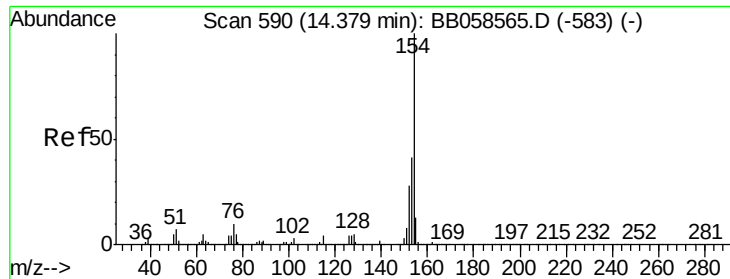
Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Tgt Ion:	172	Resp:	3547500
Ion Ratio		Lower	Upper
172	100		
171	36.7	33.2	49.8
170	24.6	21.8	32.8





#45

1,1'-Biphenyl

Concen: 33.99 ng

RT: 14.38 min Scan# 590

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Instrument :

BNA_B

ClientSampleId :

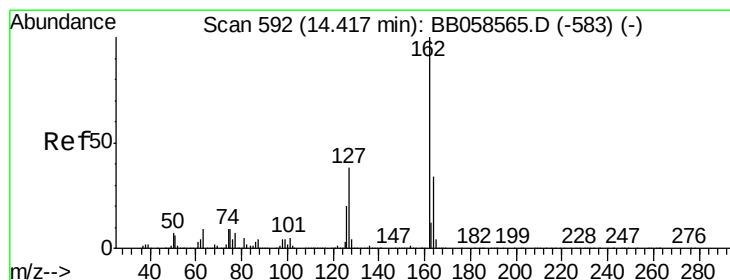
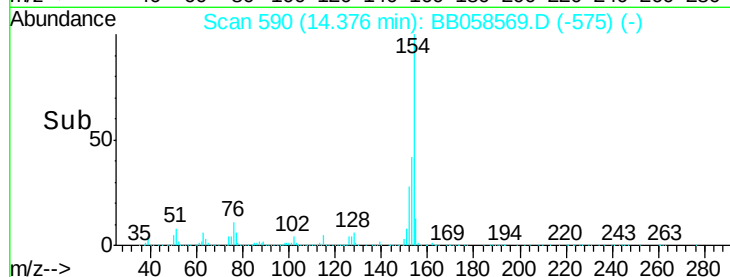
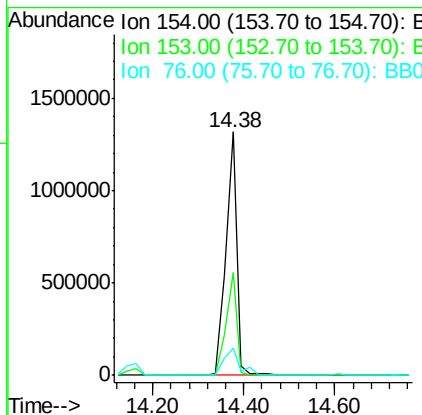
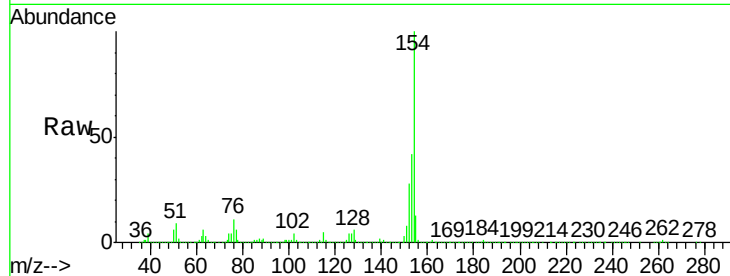
ICVBB093016

Tot Ion:	154	Resp:	2261304
Ion	Ratio	Lower	Upper
154	100		
153	42.2	25.6	65.6
76	11.1	0.0	31.4

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#46

2-Chloronaphthalene

Concen: 32.35 ng

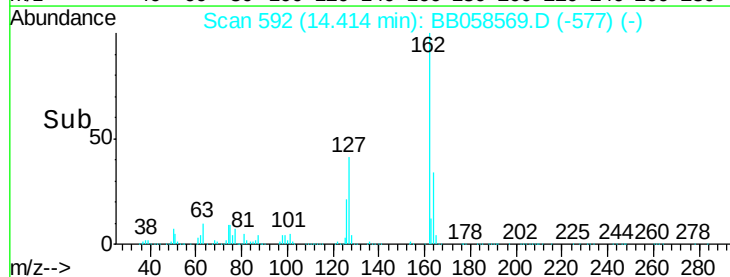
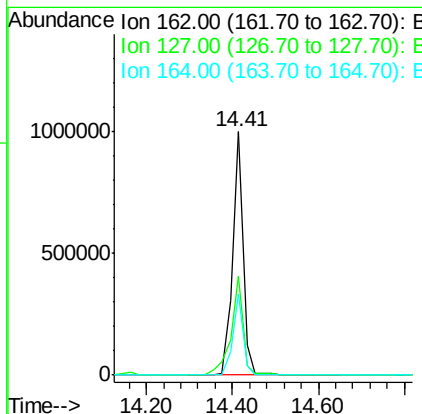
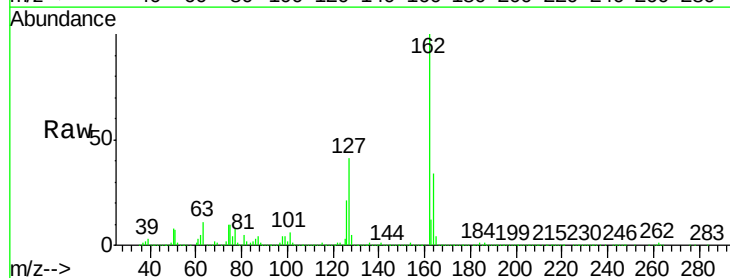
RT: 14.41 min Scan# 592

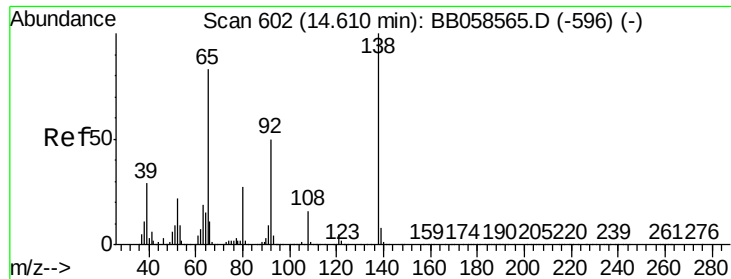
Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Tgt Ion:	162	Resp:	1706481
Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.7	49.1
164	33.5	28.1	42.1





#47

2-Nitroaniline

Concen: 32.23 ng

RT: 14.61 min Scan# 602

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Instrument :

BNA_B

ClientSampled :

ICVBB093016

Tot Ion: 65 Resp: 676871
Ion Ratio Lower Upper

65 100

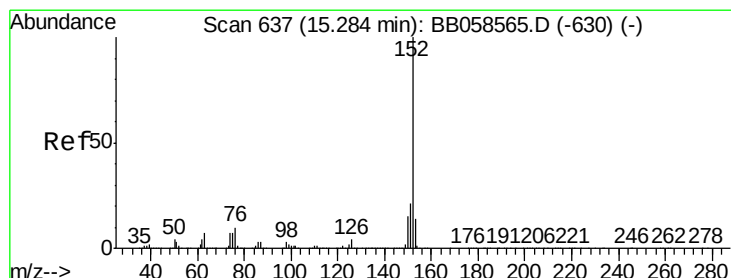
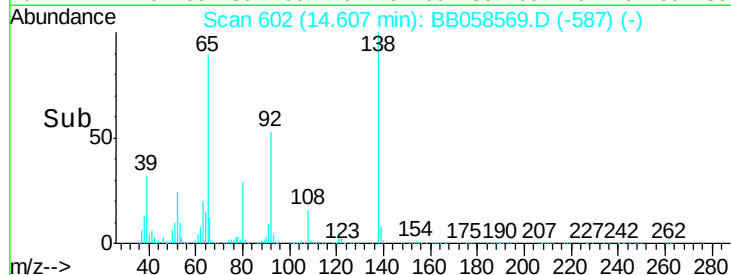
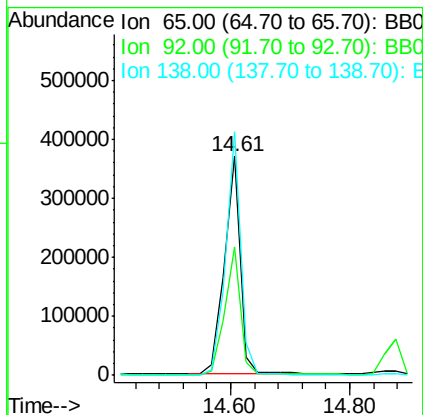
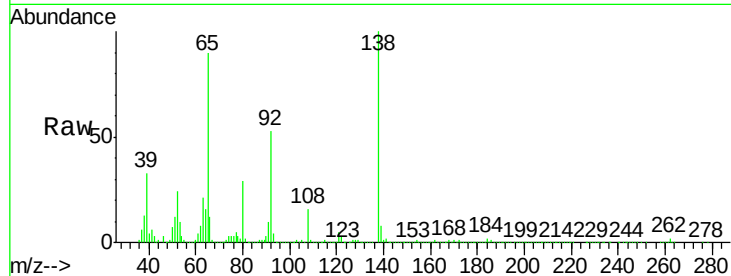
92 58.9 47.4 71.2

138 111.3 93.2 139.8

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#48

Acenaphthylene

Concen: 32.32 ng

RT: 15.28 min Scan# 637

Delta R.T. -0.02 min

Lab File: BB058569.D

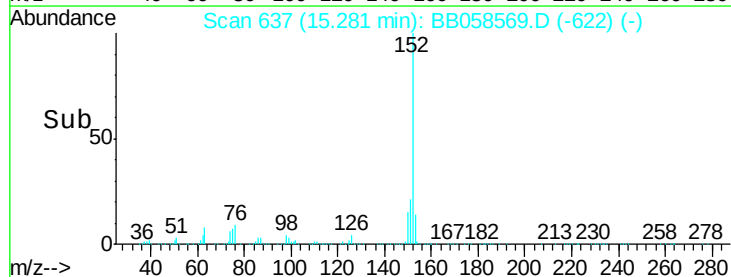
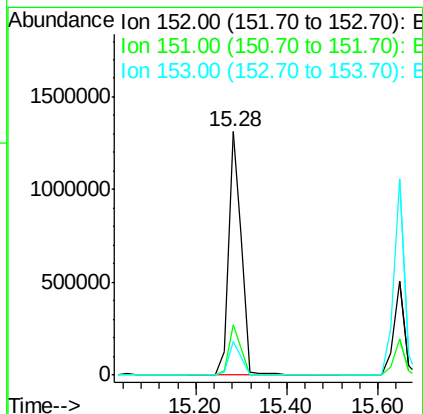
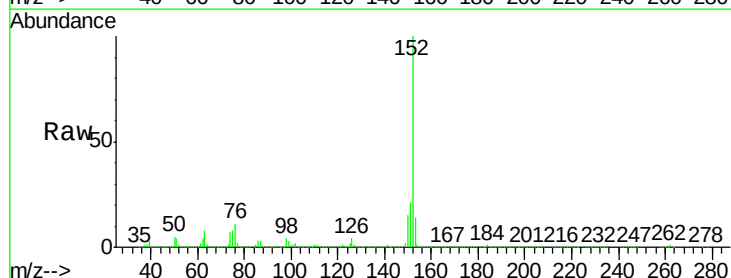
Acq: 29 Sep 2016 22:40

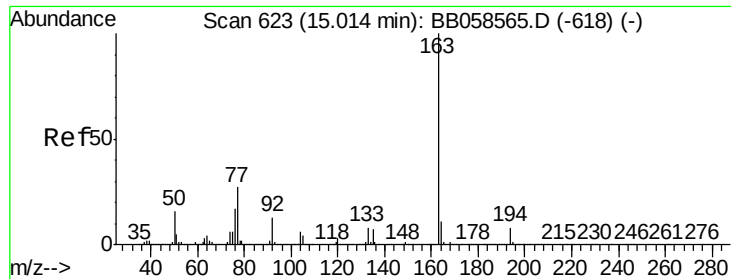
Tgt Ion: 152 Resp: 2618530
Ion Ratio Lower Upper

152 100

151 20.6 18.3 27.5

153 14.1 12.7 19.1





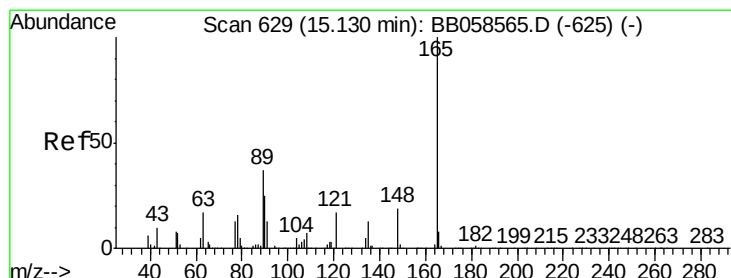
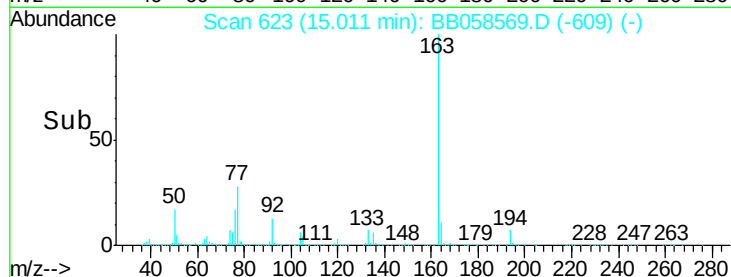
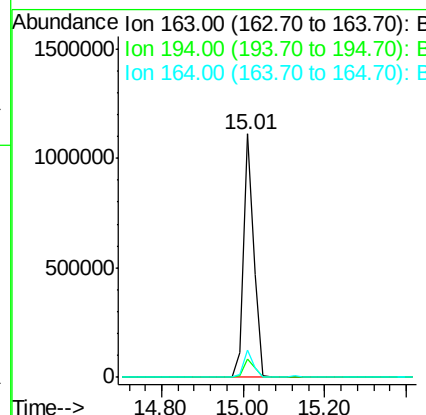
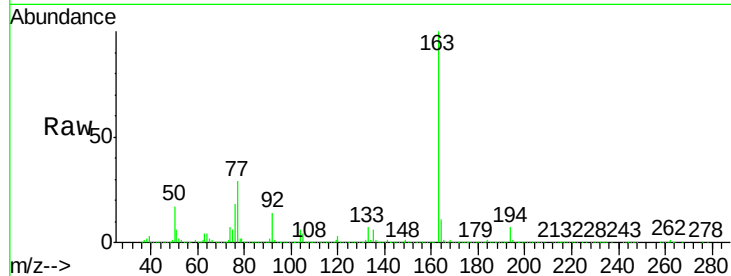
#49
Dimethylphthalate
Concen: 32.14 ng
RT: 15.01 min Scan# 623
Delta R.T. -0.04 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Instrument :
BNA_B
ClientSampled :
ICVBB093016

Tot Ion	Ratio	Lower	Upper
163	100		
194	7.3	7.5	11.3#
164	11.0	8.4	12.6

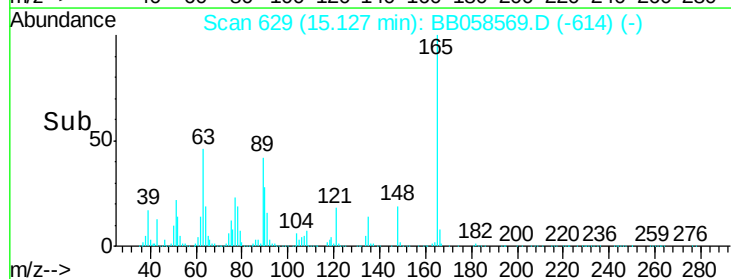
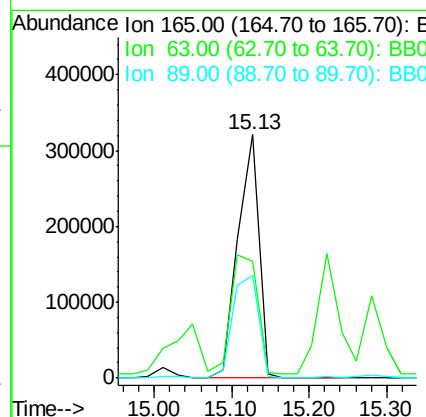
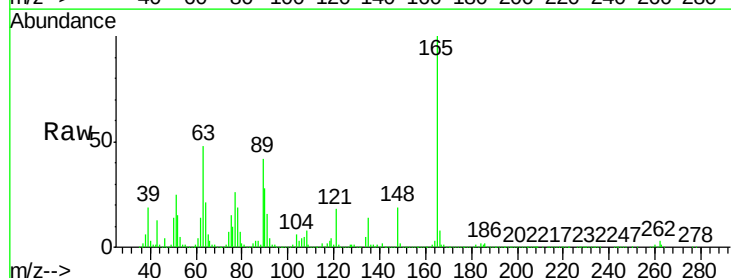
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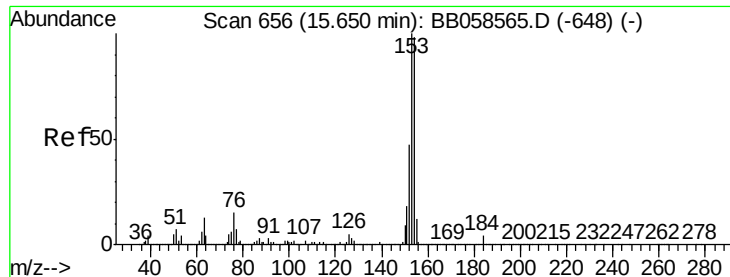
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#50
2,6-Dinitrotoluene
Concen: 33.97 ng
RT: 15.13 min Scan# 629
Delta R.T. -0.02 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.2	42.7	64.1
89	42.3	36.7	55.1





#51

Acenaphthene

Concen: 32.21 ng

RT: 15.65 min Scan# 656

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Instrument :

BNA_B

ClientSampled :

ICVBB093016

Tot Ion:154 Resp: 1770692

Ion Ratio Lower Upper

154 100

153 102.5 81.6 122.4

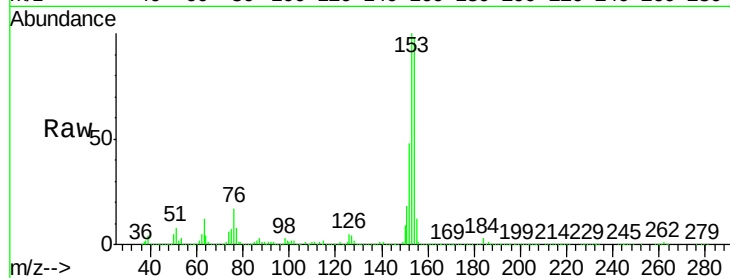
152 49.0 41.5 62.3

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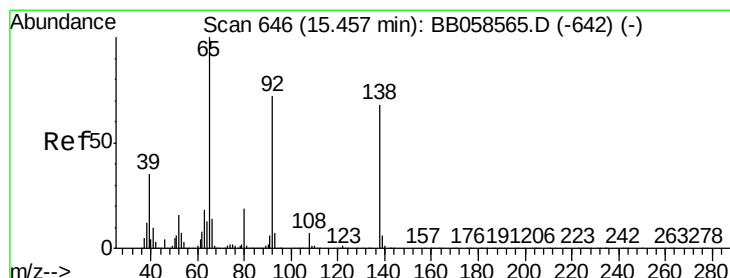
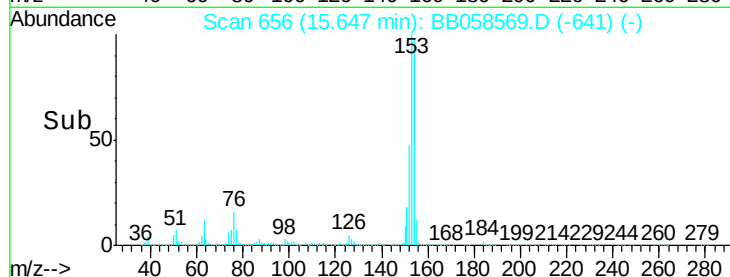
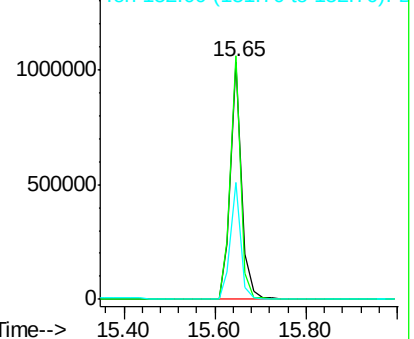
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.06 ng

RT: 15.47 min Scan# 647

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

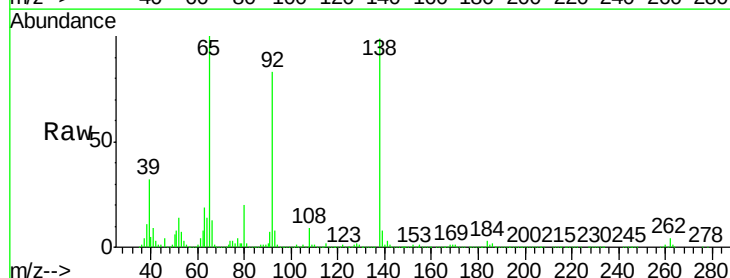
Tgt Ion:138 Resp: 617128

Ion Ratio Lower Upper

138 100

108 8.7 7.3 10.9

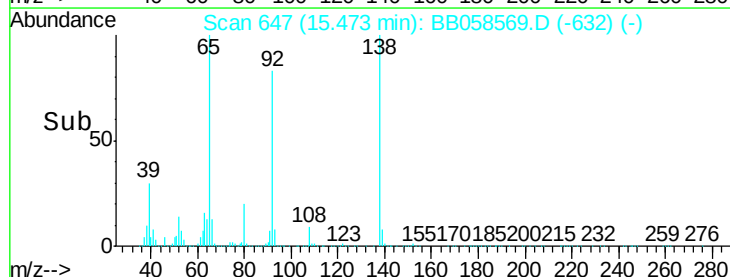
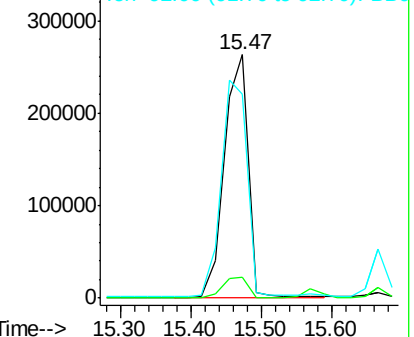
92 83.8 74.6 112.0

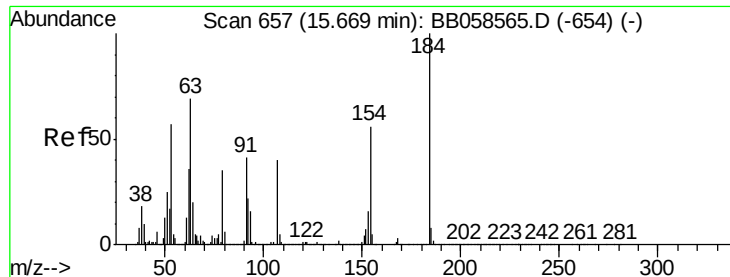


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BB0





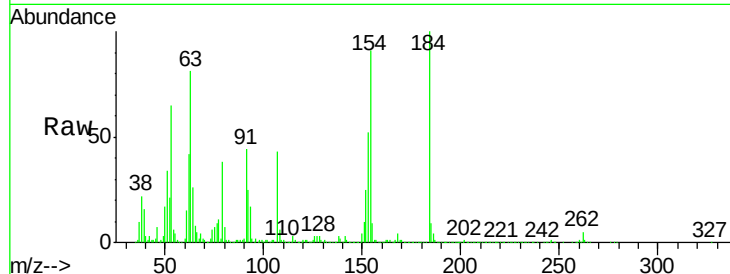
#53
2,4-Dinitrophenol
Concen: 32.24 ng
RT: 15.67 min Scan# 657
Delta R.T. -0.04 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Instrument :
BNA_B
ClientSampled :
ICVBB093016

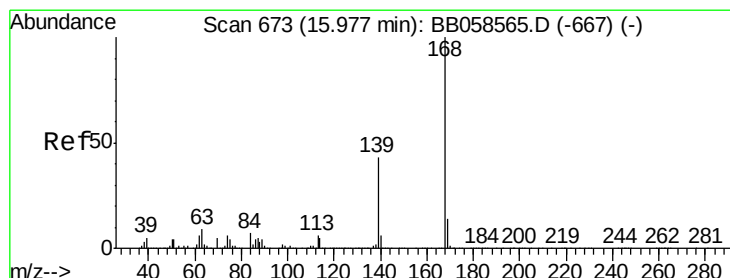
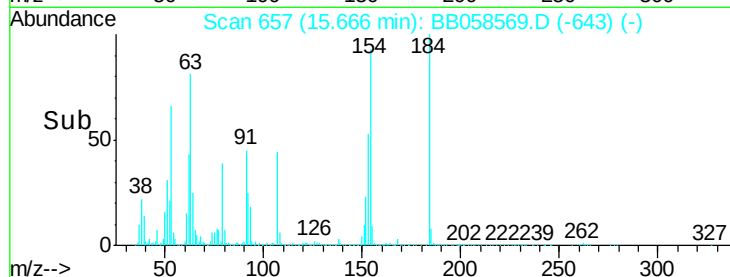
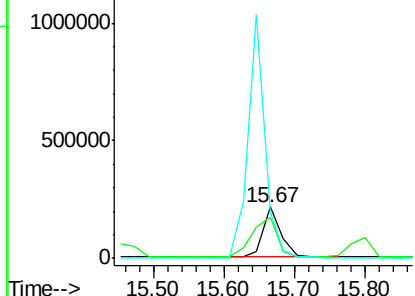
Tot Ion	Ratio	Resp	Lower	Upper
184	100	368577		
63	80.8	30.7	46.1#	
154	90.6	29.4	44.0#	

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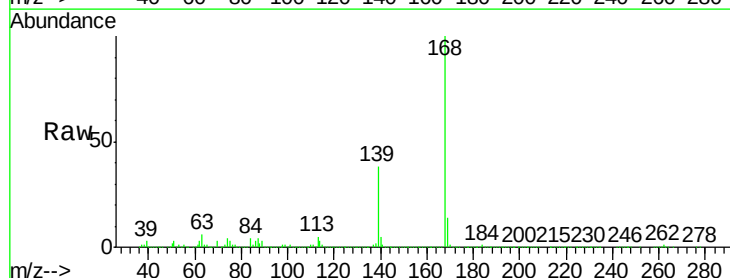


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BB0
Ion 154.00 (153.70 to 154.70): E

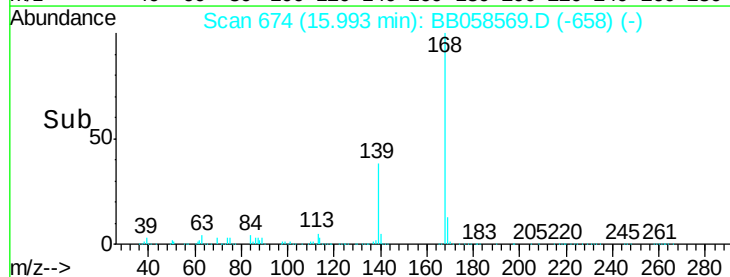
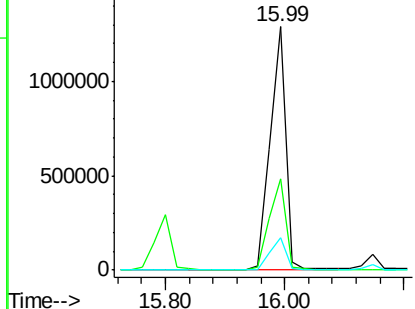


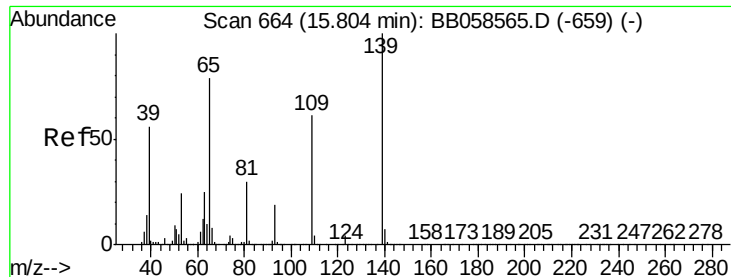
#54
Dibenzofuran
Concen: 33.55 ng
RT: 15.99 min Scan# 674
Delta R.T. -0.00 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2317959		
139	37.7	32.0	48.0	
169	13.5	12.1	18.1	



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





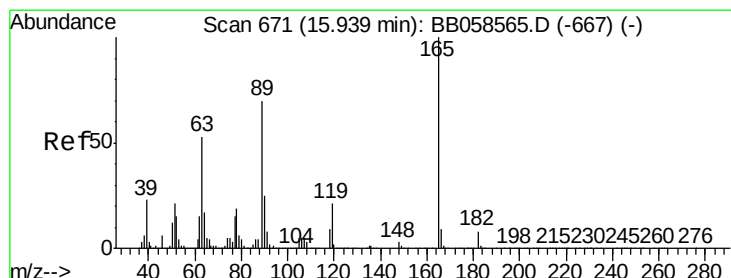
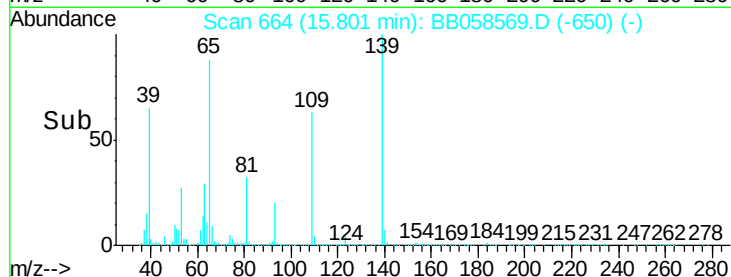
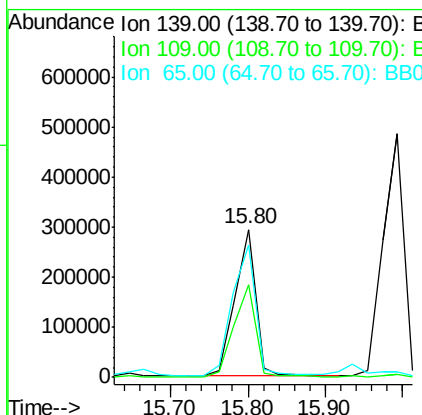
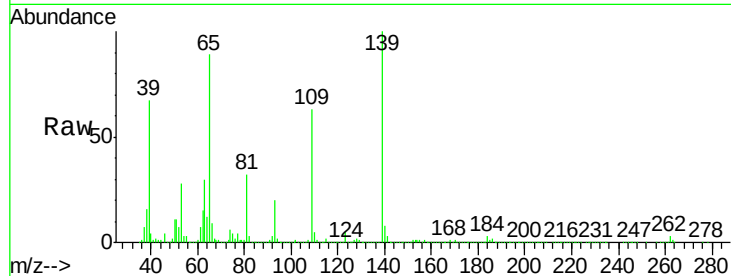
#55
4-Nitrophenol
Concen: 33.19 ng
RT: 15.80 min Scan# 664
Delta R.T. -0.04 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	Ratio	Resp	Lower	Upper
139	100	549482		
109	62.7	45.4	85.4	
65	88.9	79.8	119.8	

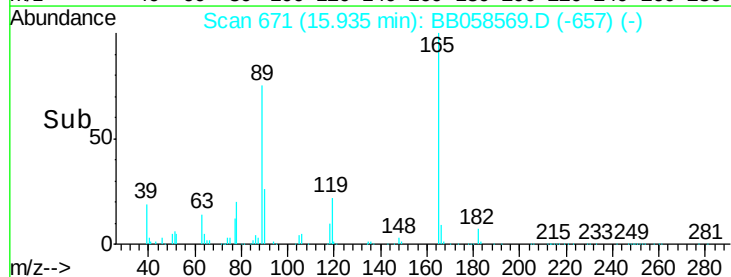
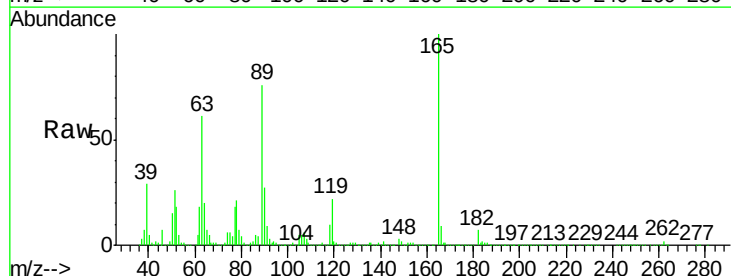
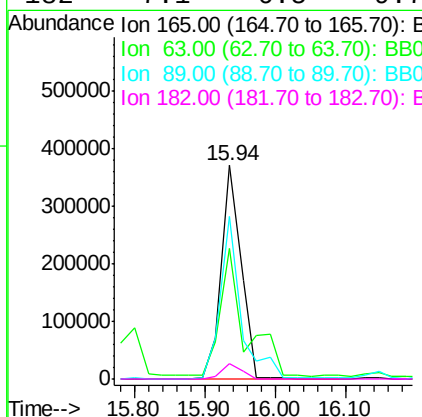
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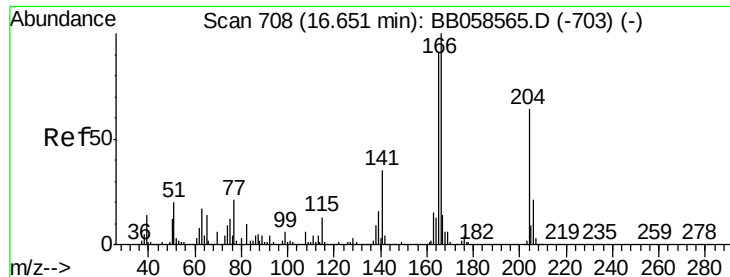
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#56
2,4-Dinitrotoluene
Concen: 30.46 ng
RT: 15.94 min Scan# 671
Delta R.T. -0.04 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	713550		
63	61.3	28.5	42.7#	
89	75.9	39.7	59.5#	
182	7.1	6.5	9.7	





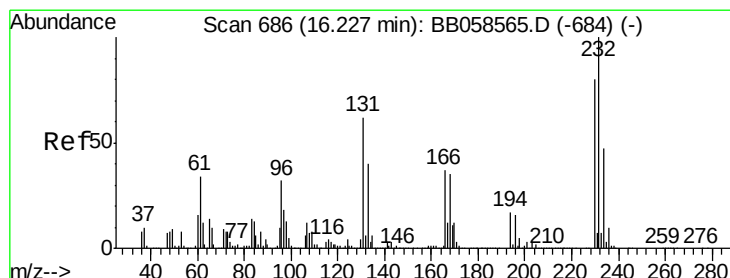
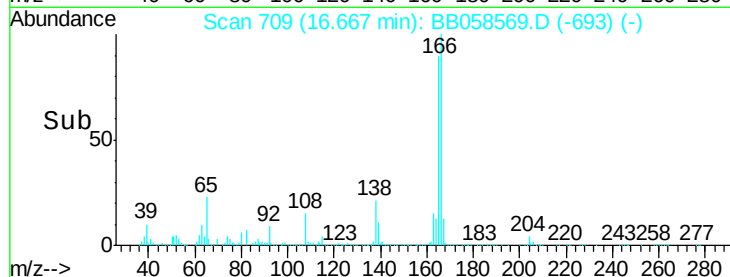
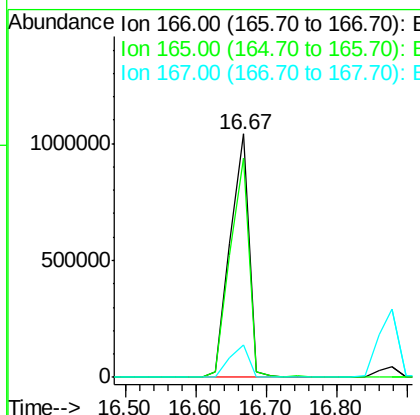
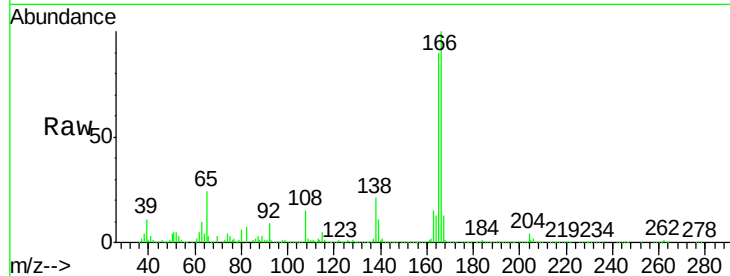
#57
 Fluorene
 Concen: 34.12 ng
 RT: 16.67 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BB058569.D
 Acq: 29 Sep 2016 22:40

Instrument :
 BNA_B
 ClientSampled :
 ICVBB093016

Tot Ion:166 Resp: 1941319
 Ion Ratio Lower Upper
 166 100
 165 89.9 73.2 109.8
 167 13.4 11.4 17.0

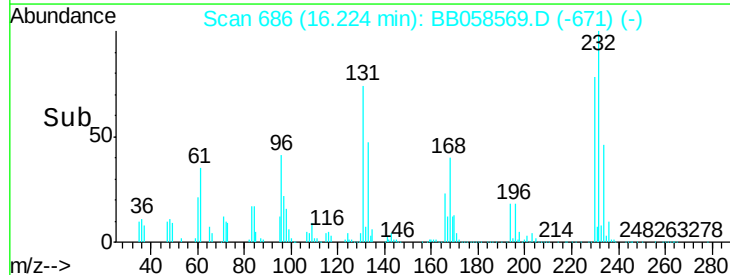
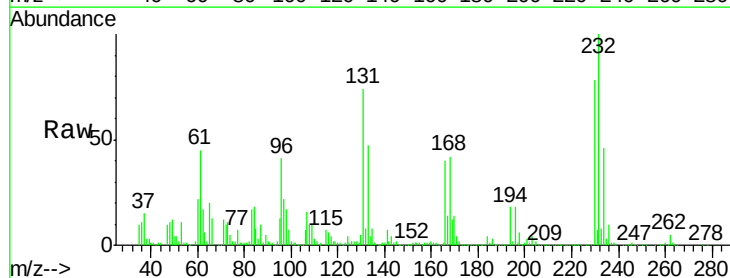
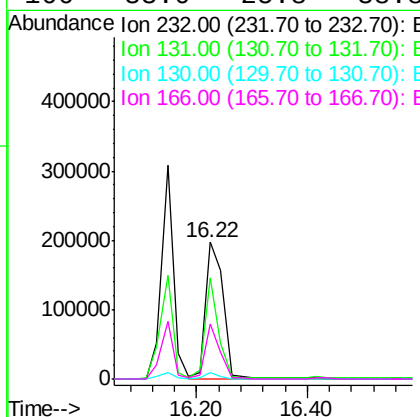
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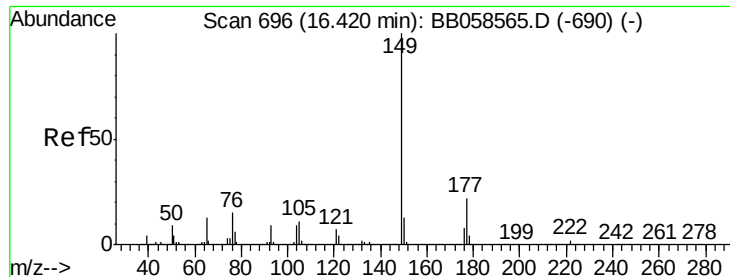
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.76 ng
 RT: 16.22 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BB058569.D
 Acq: 29 Sep 2016 22:40

Tgt Ion:232 Resp: 435974
 Ion Ratio Lower Upper
 232 100
 131 57.1 43.7 65.5
 130 3.5 2.6 4.0
 166 33.0 25.8 38.8





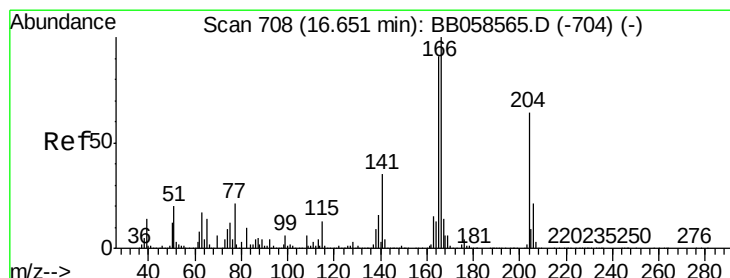
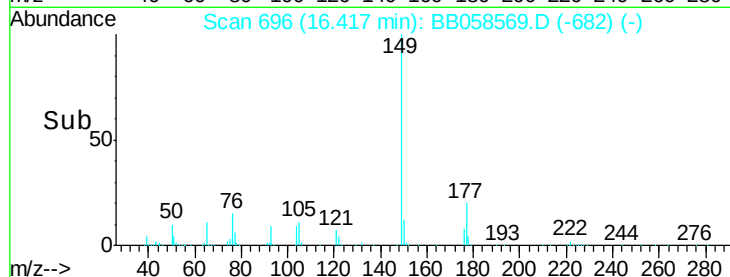
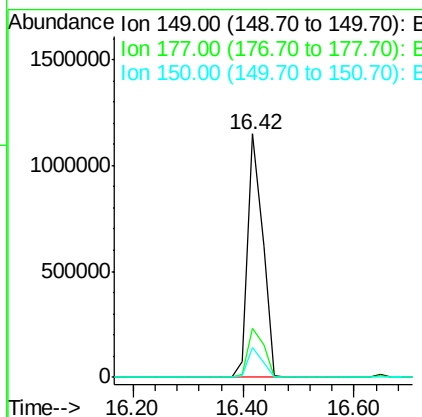
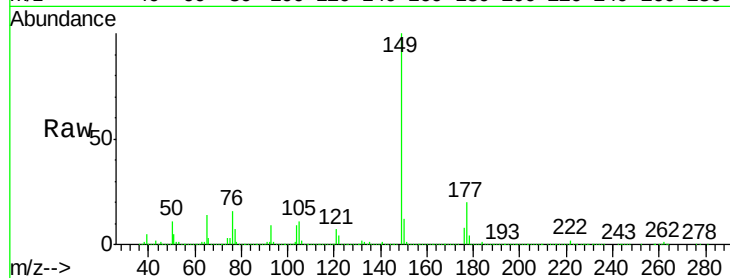
#59
Diethylphthalate
Concen: 32.08 ng
RT: 16.42 min Scan# 696
Delta R.T. -0.04 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.3	21.5	32.3#
150	12.4	10.0	15.0

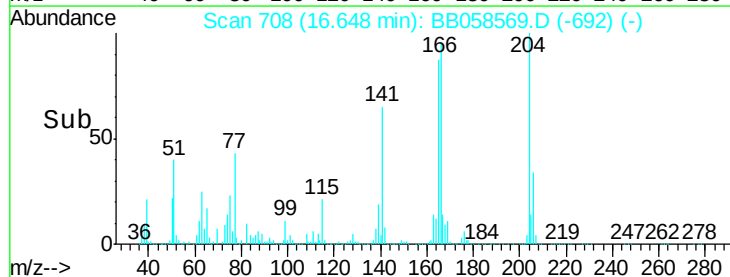
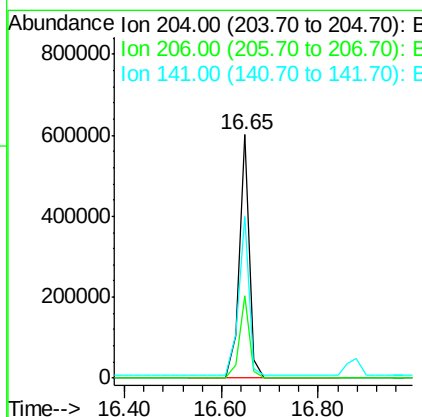
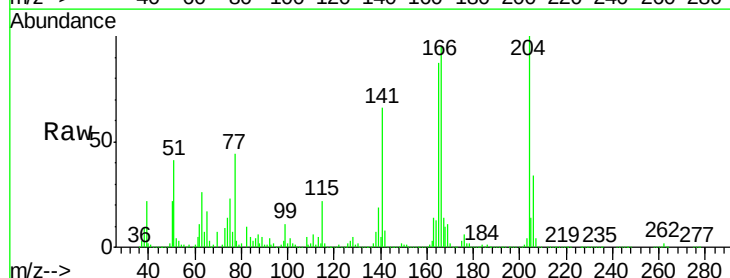
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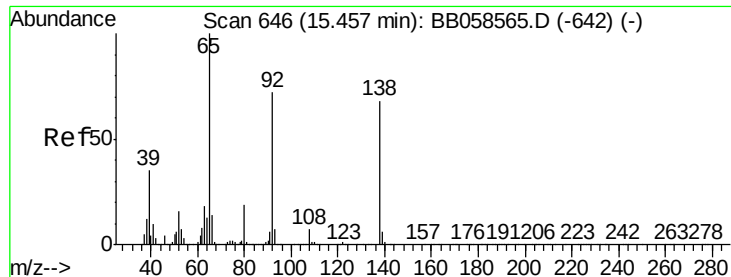
sohil
9/30/2016 7:24:45 PM



#60
4-Chlorophenyl-phenylether
Concen: 33.18 ng
RT: 16.65 min Scan# 708
Delta R.T. -0.00 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.8	41.6
141	66.3	53.2	79.8





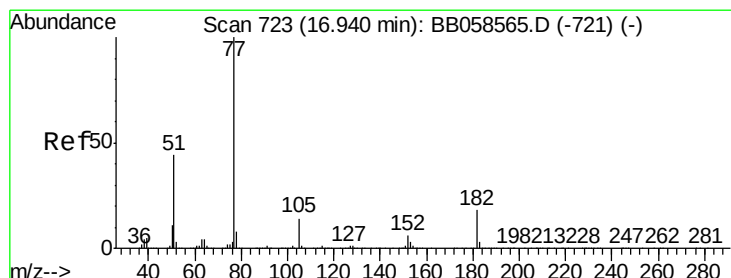
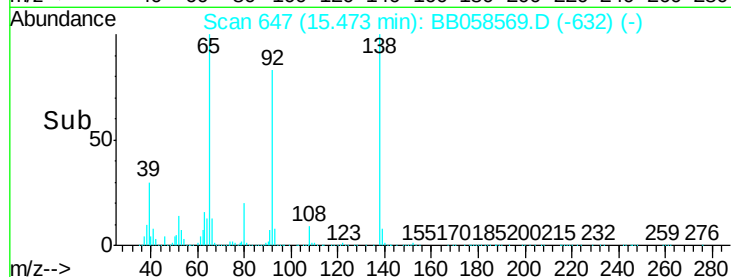
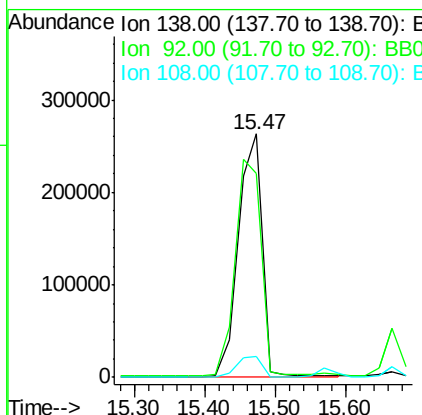
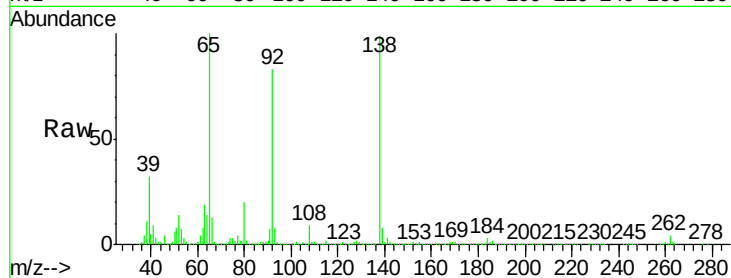
#61
4-Nitroaniline
Concen: 33.06 ng
RT: 15.47 min Scan# 647
Delta R.T. -0.02 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	Ratio	Resp	Lower	Upper
138	100	617128		
92	83.8	73.3	113.3	
108	8.7	0.0	29.1	

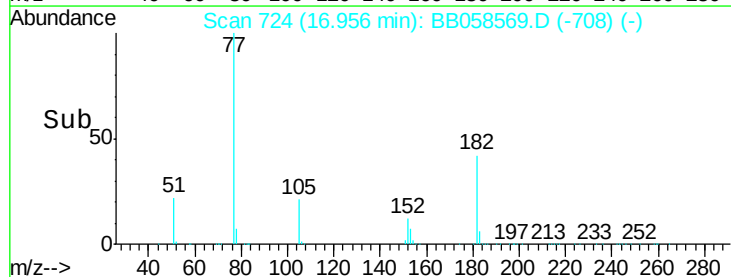
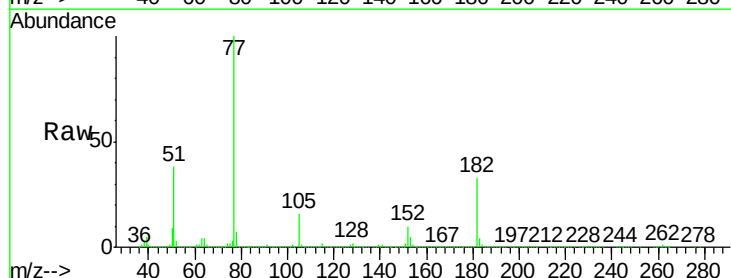
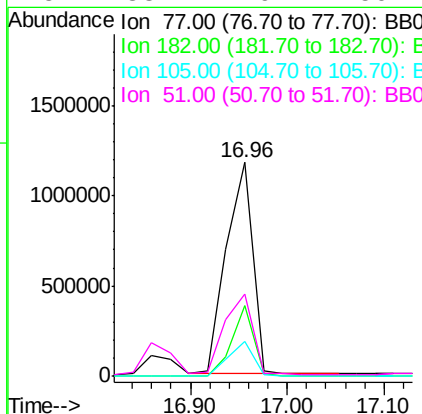
Manual Integrations
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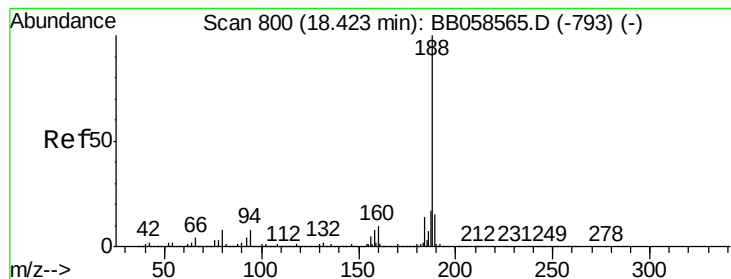
sohil
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#62
Azobenzene
Concen: 32.68 ng
RT: 16.96 min Scan# 724
Delta R.T. -0.00 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	2208668		
182	32.7	20.8	60.8	
105	16.2	0.0	38.2	
51	38.2	19.1	59.1	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.42 min Scan# 800

Delta R.T. -0.00 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Instrument :

BNA_B

ClientSampled :

ICVBB093016

Tot Ion:188 Resp: 1298210

Ion Ratio Lower Upper

188 100

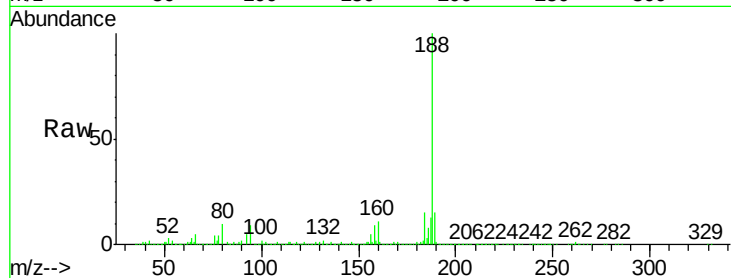
94 8.8 6.2 9.4

80 10.1 6.9 10.3

Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BB0

Ion 80.00 (79.70 to 80.70): BB0

1000000

800000

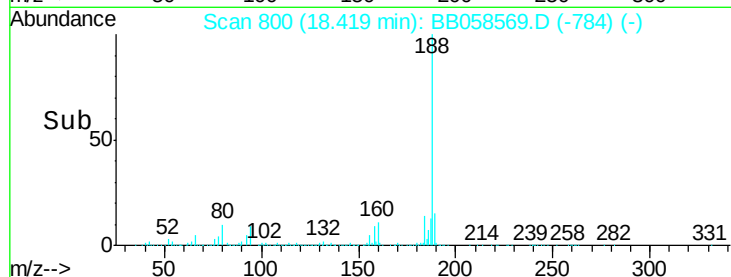
600000

400000

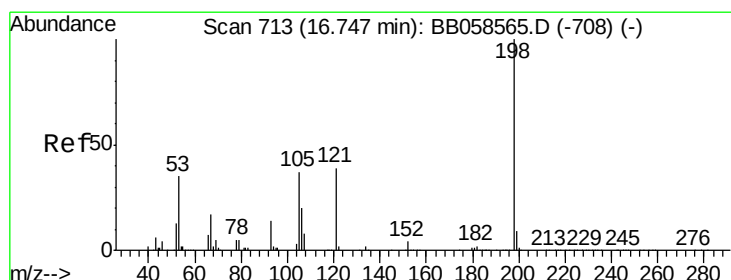
200000

0

18.20 18.40 18.60



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 34.77 ng

RT: 16.74 min Scan# 713

Delta R.T. -0.04 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

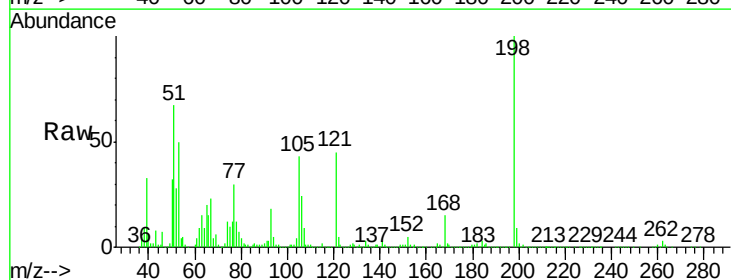
Tgt Ion:198 Resp: 474188

Ion Ratio Lower Upper

198 100

51 66.6 11.9 51.9#

105 43.3 6.6 46.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BB0

Ion 105.00 (104.70 to 105.70): E

600000

500000

400000

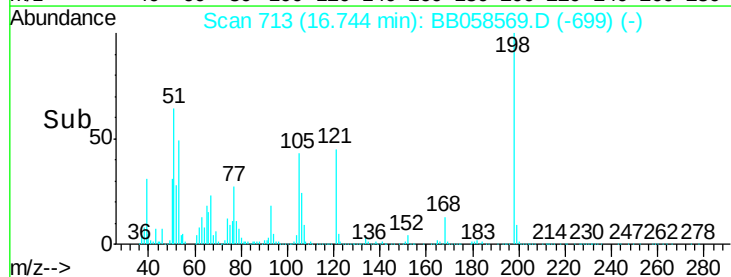
300000

200000

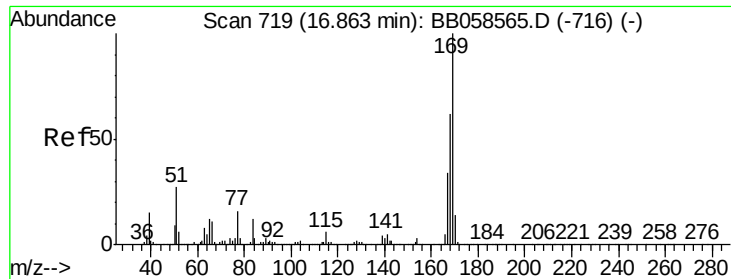
100000

0

16.60 16.80 17.00



Time-->



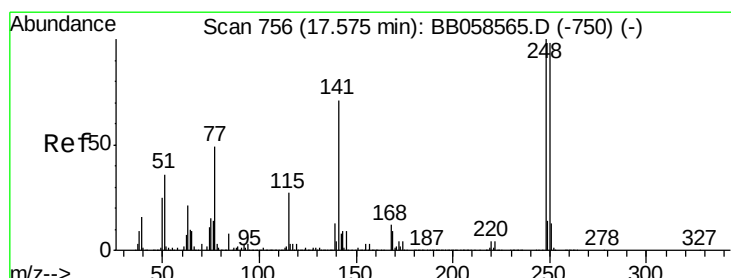
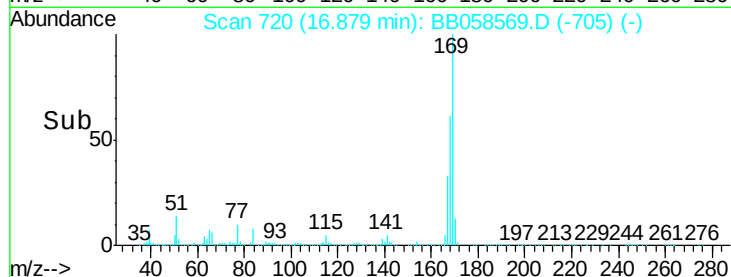
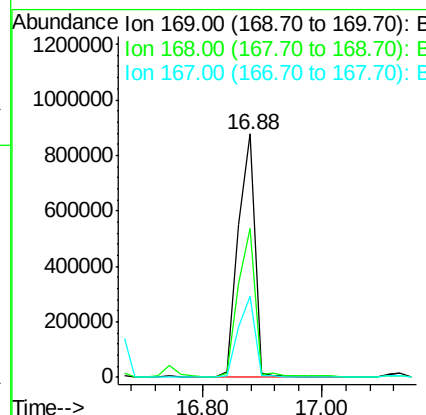
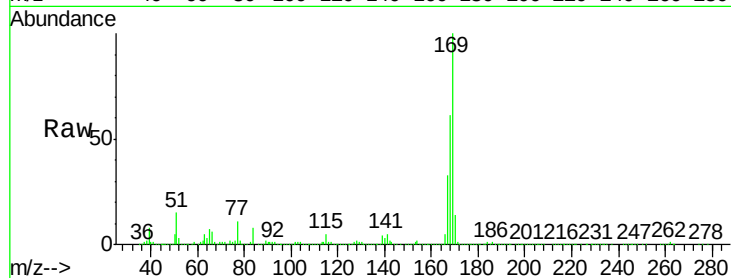
#65
n-Nitrosodiphenylamine
Concen: 37.05 ng
RT: 16.88 min Scan# 720
Delta R.T. -0.02 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	Ratio	Lower	Upper
169	100		
168	61.0	51.4	77.2
167	33.1	27.6	41.4

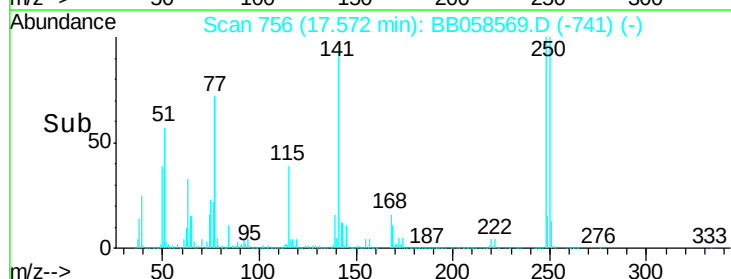
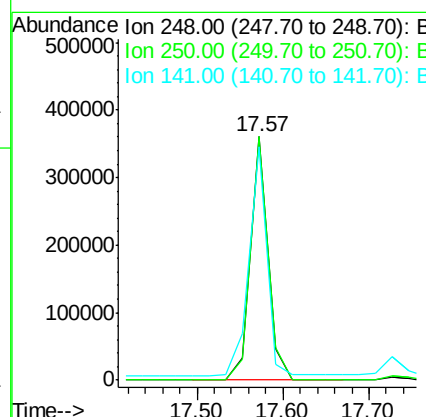
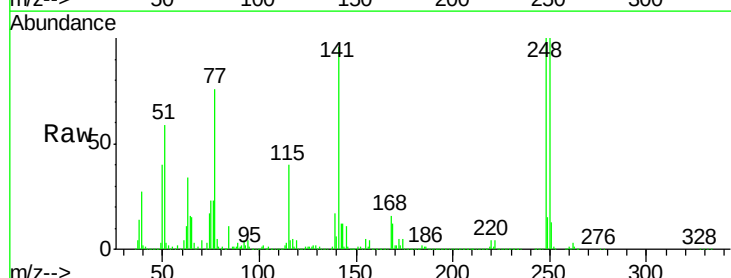
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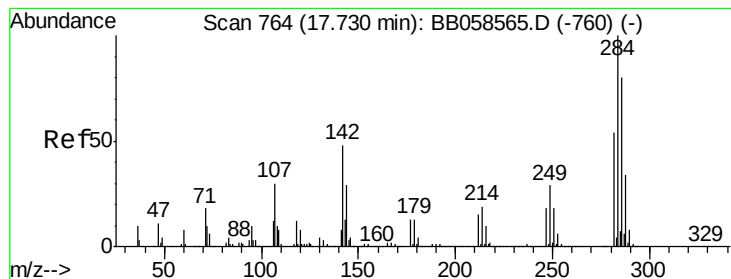
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#66
4-Bromophenyl-phenylether
Concen: 35.52 ng
RT: 17.57 min Scan# 756
Delta R.T. -0.02 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.8	78.8	118.2
141	95.8	68.2	102.4





#67

Hexachlorobenzene

Concen: 34.43 ng

RT: 17.73 min Scan# 764

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Instrument :

BNA_B

ClientSampleId :

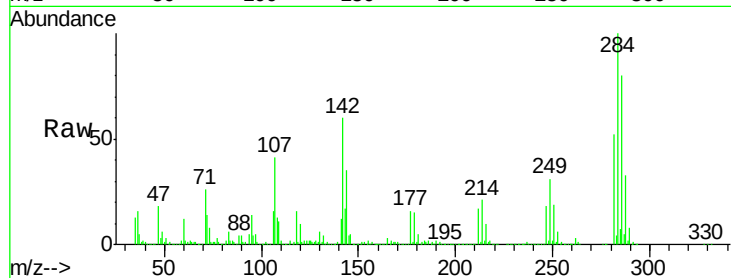
ICVBB093016

Tot Ion:	284	Resp:	608483
Ion Ratio	Lower	Upper	
284	100		
142	60.1	40.6	61.0
249	32.9	24.8	37.2

Manual Integrations
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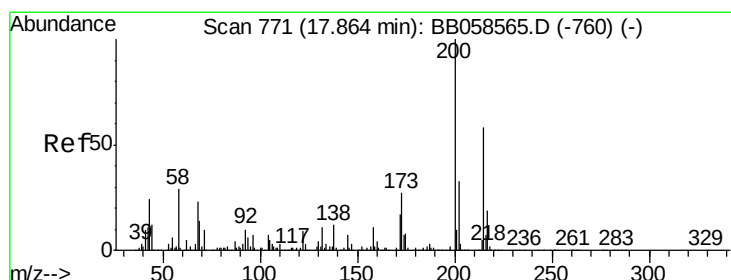
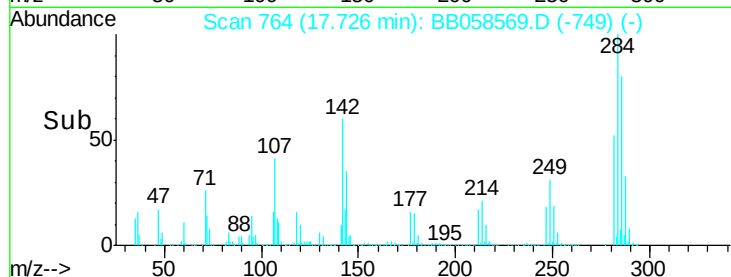
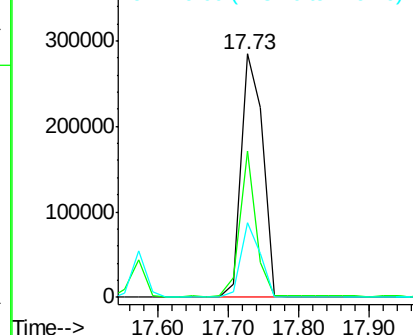
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.29 ng

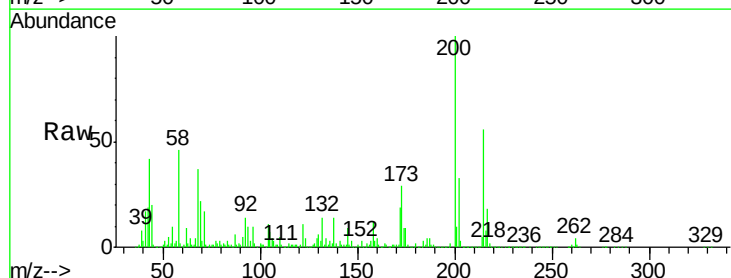
RT: 17.86 min Scan# 771

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

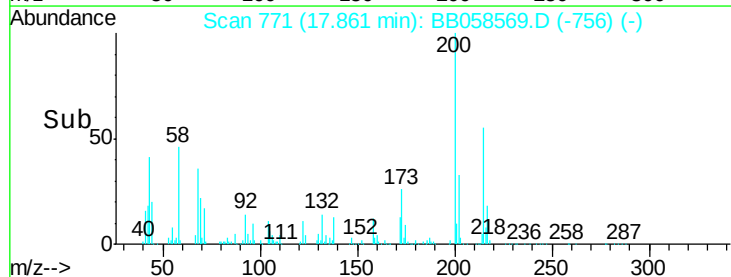
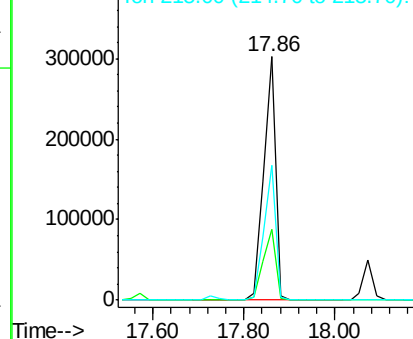
Tgt Ion:	200	Resp:	539273
Ion Ratio	Lower	Upper	
200	100		
173	29.1	10.4	50.4
215	55.5	35.7	75.7

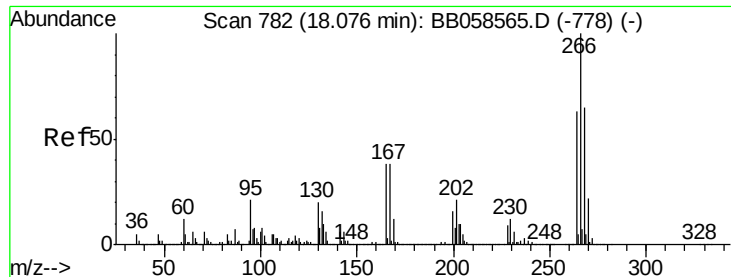


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





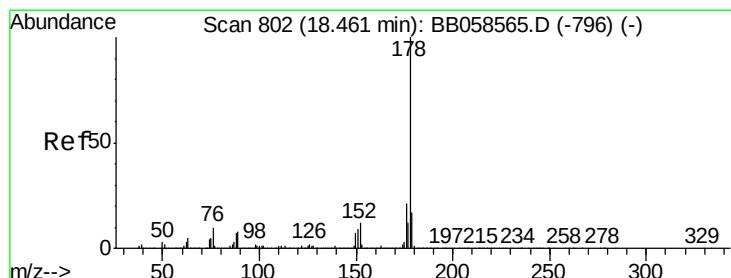
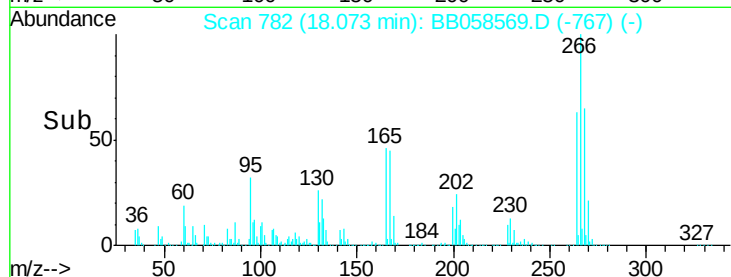
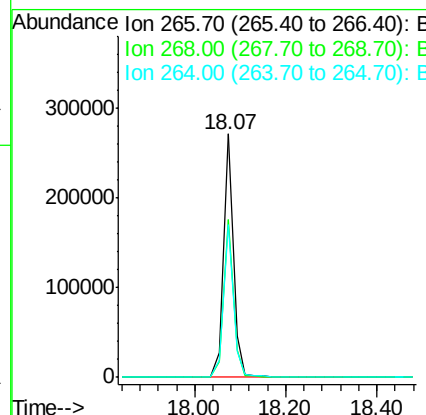
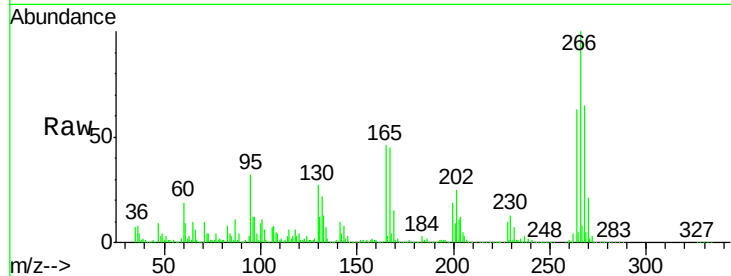
#69
 Pentachlorophenol
 Concen: 36.42 ng
 RT: 18.07 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BB058569.D
 Acq: 29 Sep 2016 22:40

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

Tot Ion	Ratio	Resp	Lower	Upper
266	100	414925		
268	65.1		51.3	76.9
264	62.7		50.2	75.2

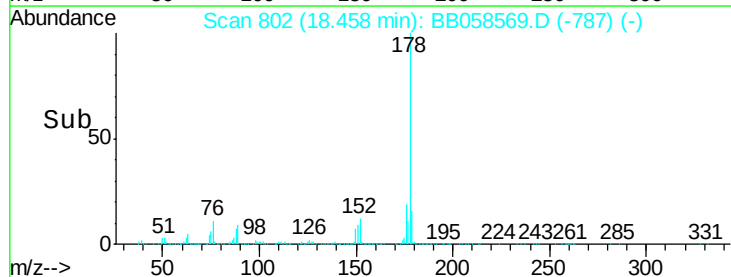
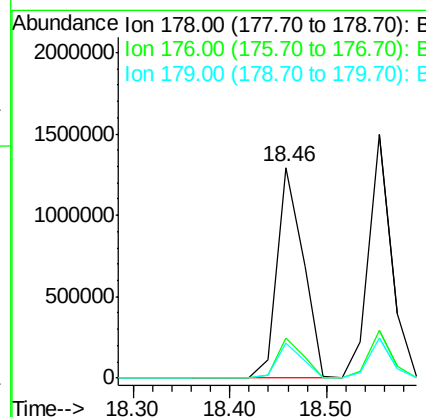
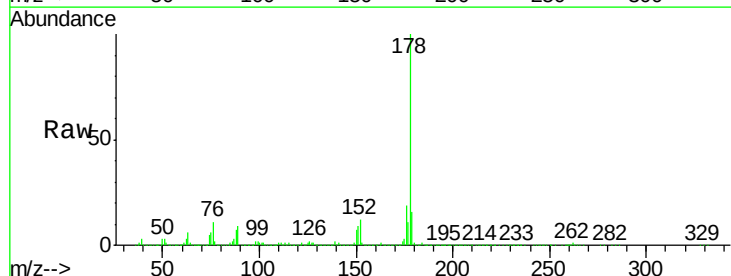
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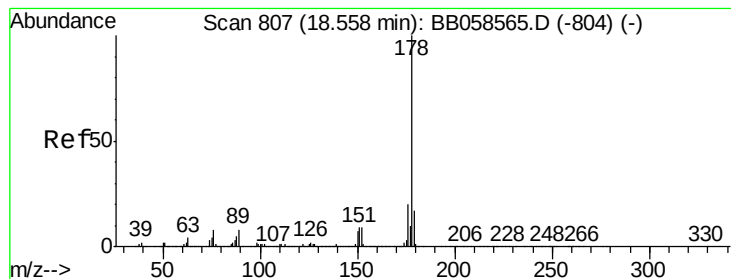
sohil
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#70
 Phenanthrene
 Concen: 35.36 ng
 RT: 18.46 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BB058569.D
 Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2441381		
176	19.2		17.2	25.8
179	16.3		14.3	21.5





#71

Anthracene

Concen: 34.96 ng

RT: 18.55 min Scan# 807

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Instrument :

BNA_B

ClientSampleId :

ICVBB093016

Tot Ion:178 Resp: 2466887

Ion Ratio Lower Upper

178 100

176 19.5 17.6 26.4

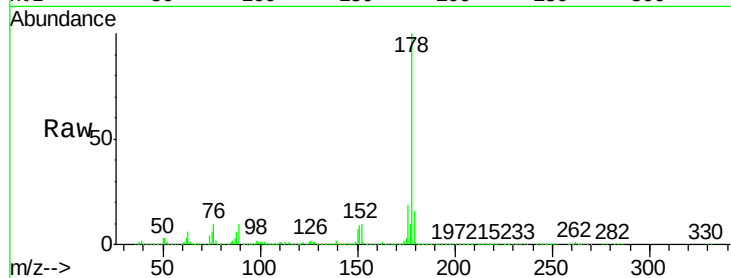
179 16.4 14.8 22.2

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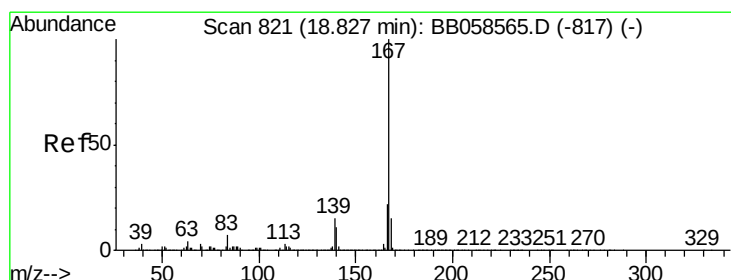
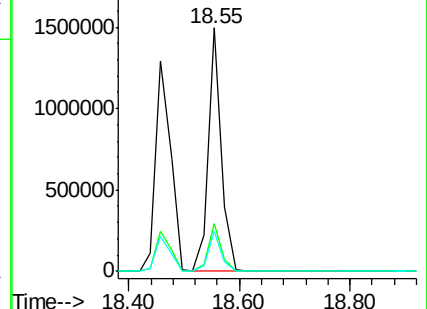
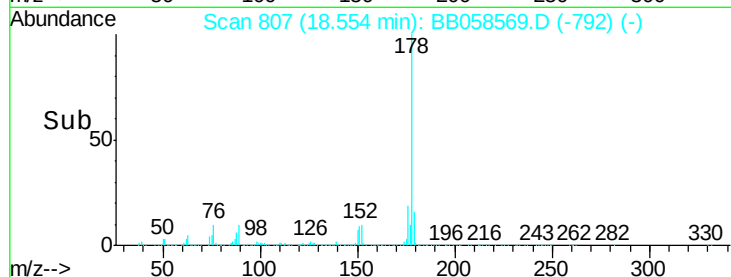
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 34.63 ng

RT: 18.82 min Scan# 821

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

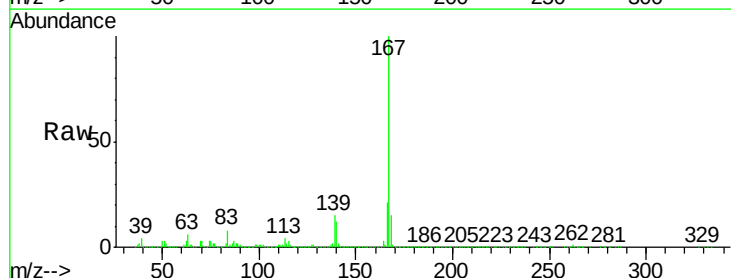
Tgt Ion:167 Resp: 2425086

Ion Ratio Lower Upper

167 100

166 21.3 19.4 29.0

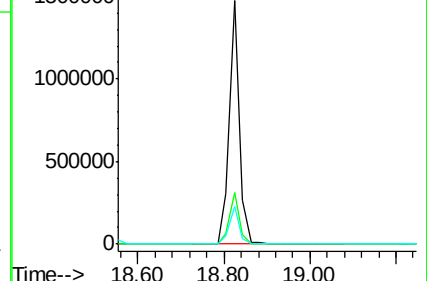
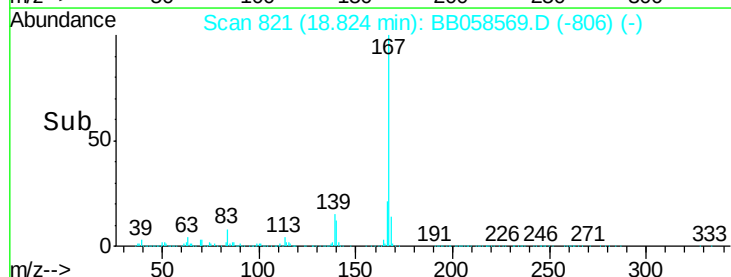
139 15.2 14.1 21.1

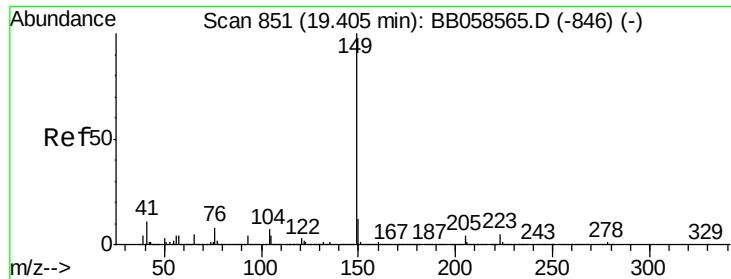


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 32.73 ng

RT: 19.40 min Scan# 851

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Instrument :

BNA_B

ClientSampleId :

ICVBB093016

Tot Ion:149 Resp: 3300797

Ion Ratio Lower Upper

149 100

150 11.3 11.8 17.6#

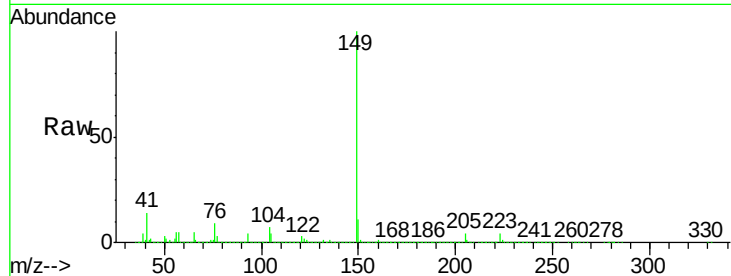
104 7.5 7.7 11.5#

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Abundance Ion 149.00 (148.70 to 149.70): E

3000000 Ion 150.00 (149.70 to 150.70): E

2500000 Ion 104.00 (103.70 to 104.70): E

2000000

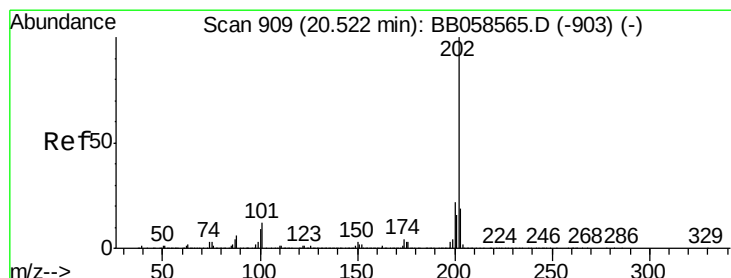
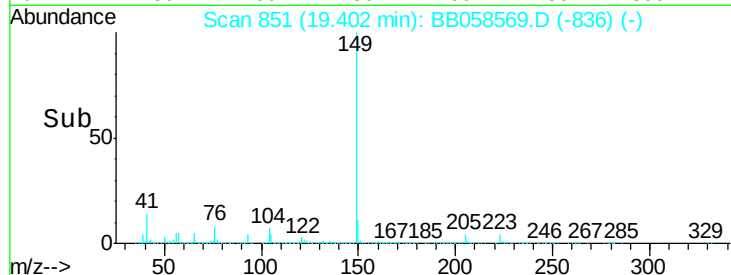
1500000

1000000

500000

0

Time--> 19.20 19.40 19.60



#74

Fluoranthene

Concen: 35.50 ng

RT: 20.52 min Scan# 909

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

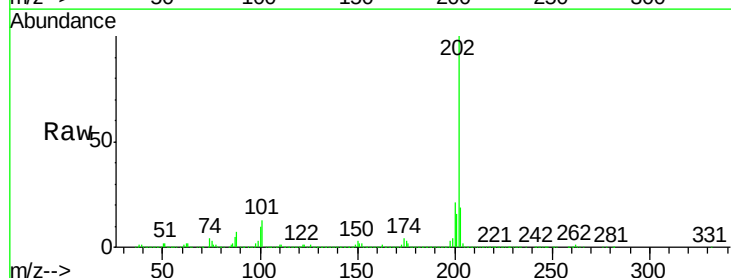
Tgt Ion:202 Resp: 2453302

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.3

203 18.7 1.3 41.3



Abundance Ion 202.00 (201.70 to 202.70): E

2000000 Ion 101.00 (100.70 to 101.70): E

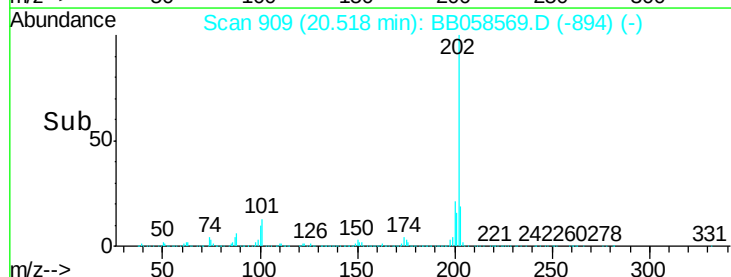
1500000 Ion 203.00 (202.70 to 203.70): E

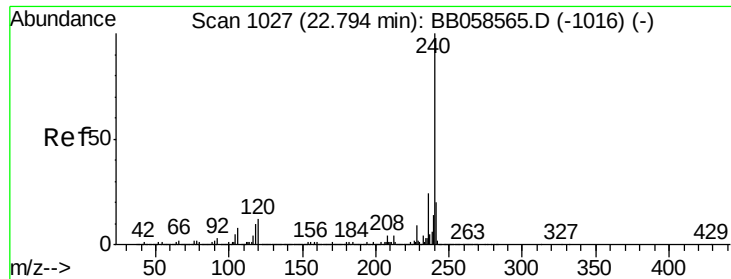
1000000

500000

0

Time--> 20.20 20.40 20.60 20.80





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.79 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Instrument :

BNA_B

ClientSampled :

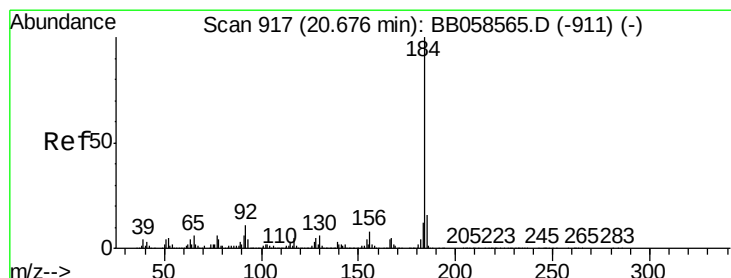
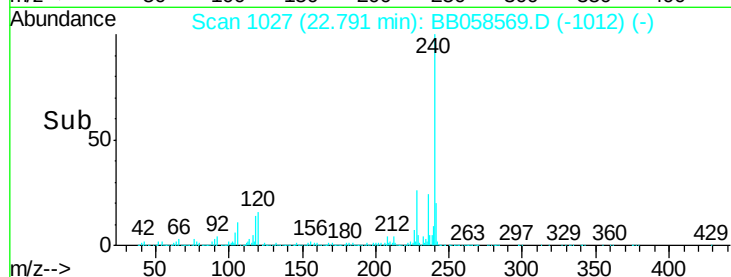
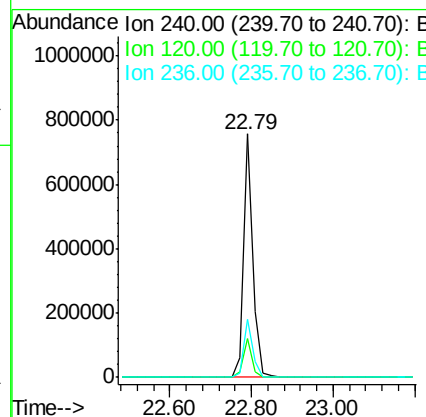
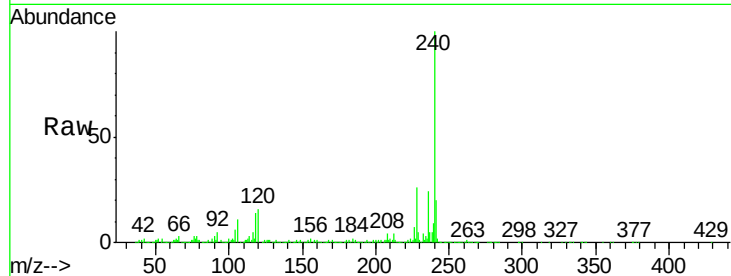
ICVBB093016

Tot Ion:240 Resp: 1215762

Ion	Ratio	Lower	Upper
240	100		
120	15.9	13.3	19.9
236	23.8	19.4	29.2

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#76

Benzidine

Concen: 33.36 ng

RT: 20.69 min Scan# 918

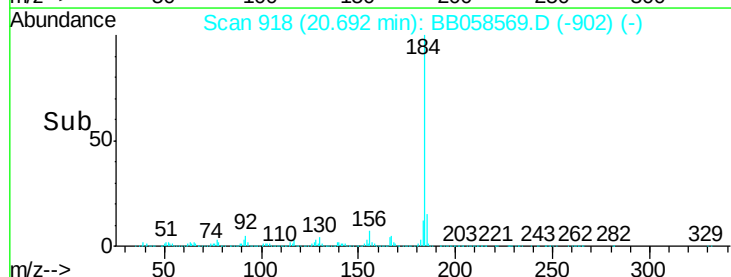
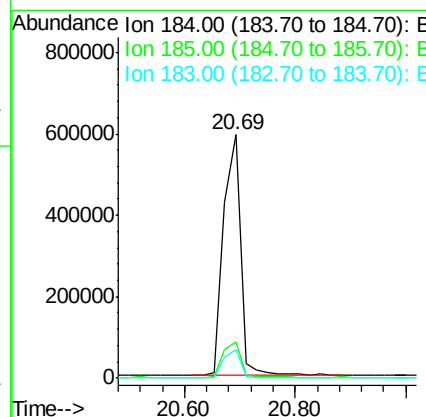
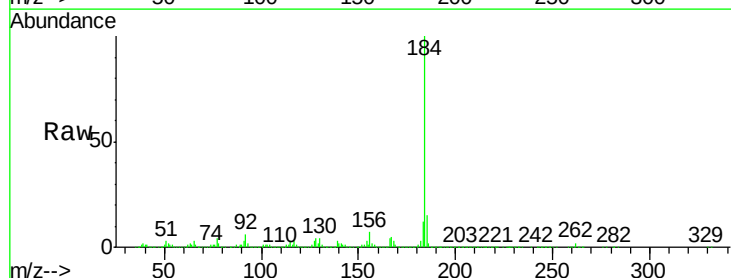
Delta R.T. -0.00 min

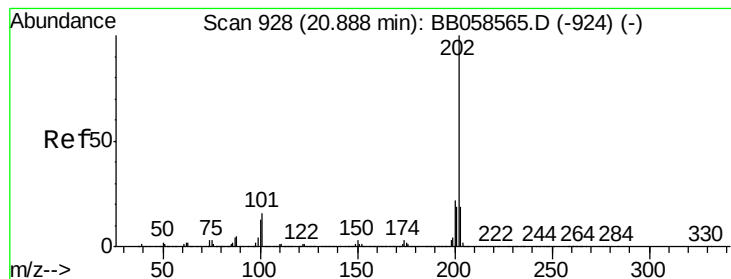
Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Tgt Ion:184 Resp: 1271449

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.5	17.3
183	11.7	9.8	14.6





#77

Pvrene

Concen: 34.11 ng

RT: 20.88 min Scan# 928

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Instrument :

BNA_B

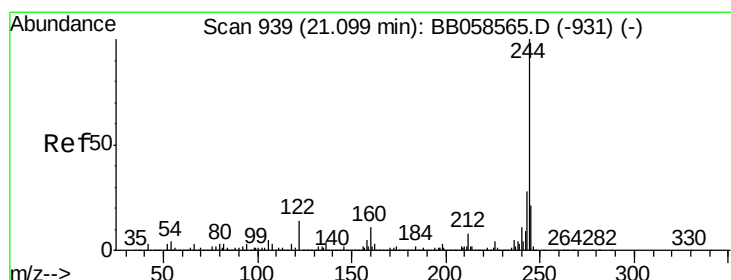
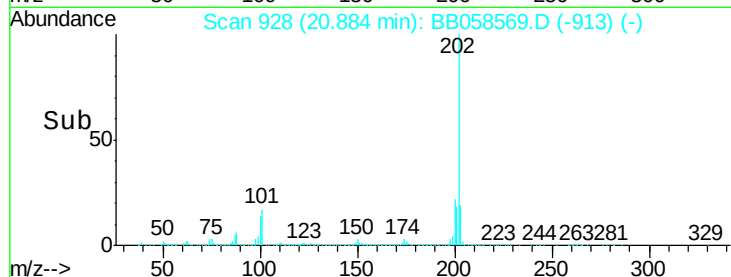
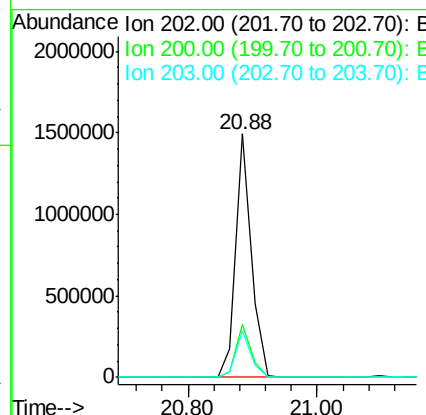
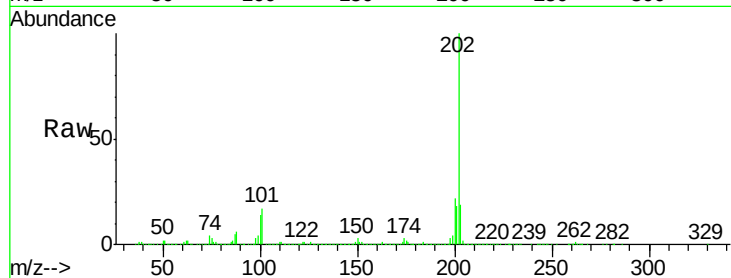
ClientSampleId :

ICVBB093016

Tot Ion:	202	Resp:	2475162
Ion	Ratio	Lower	Upper
202	100		
200	21.8	19.8	29.8
203	18.9	16.9	25.3

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#78

Terphenyl-d14

Concen: 67.86 ng

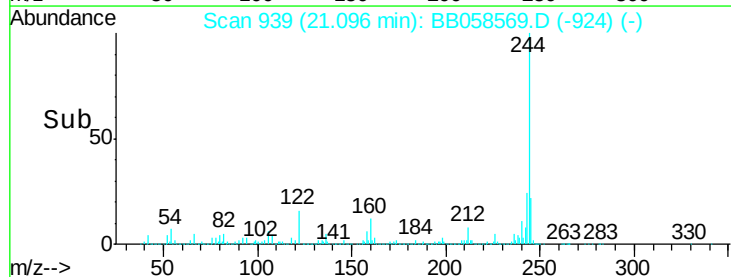
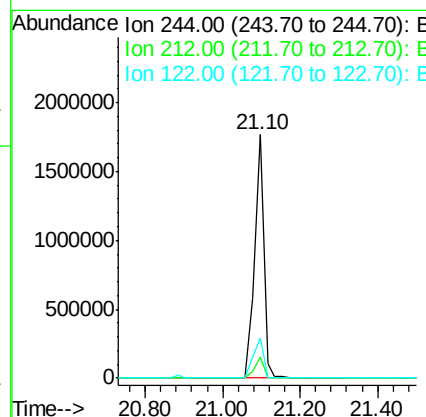
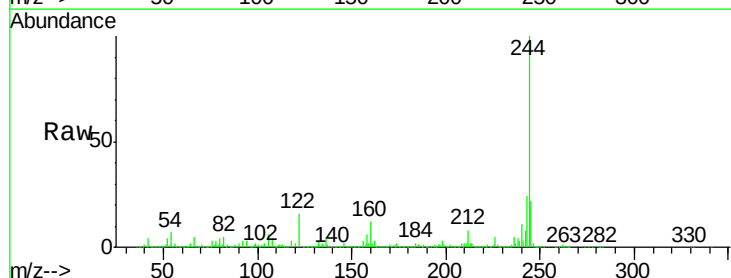
RT: 21.10 min Scan# 939

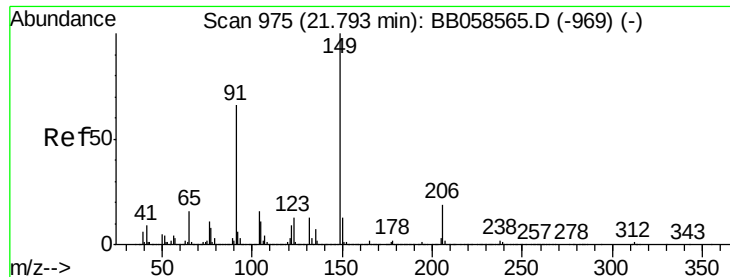
Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Tgt Ion:	244	Resp:	2891897
Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.8	11.8
122	16.5	14.7	22.1





#79

Butylbenzylphthalate

Concen: 34.42 ng

RT: 21.79 min Scan# 975

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Instrument :

BNA_B

ClientSampleId :

ICVBB093016

Tot Ion:149 Resp: 1782389

Ion Ratio Lower Upper

149 100

91 72.7 57.1 85.7

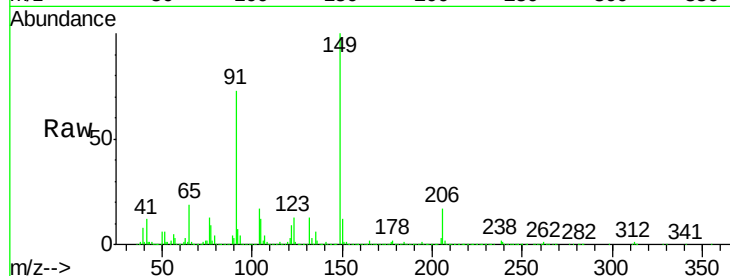
206 16.7 17.0 25.4#

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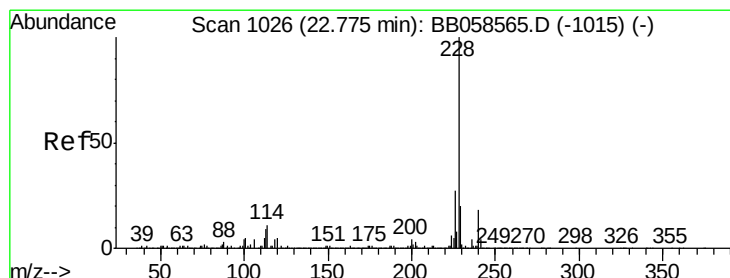
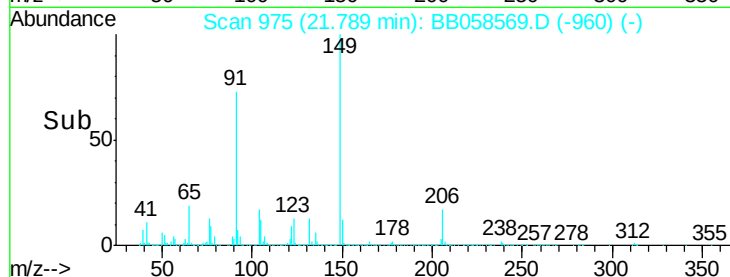
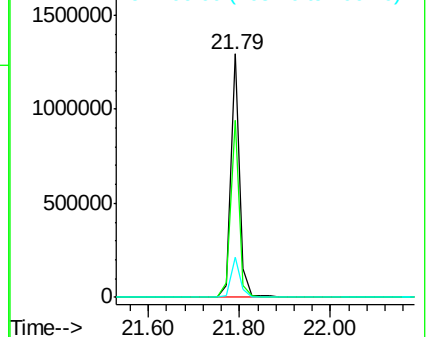
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BB0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.77 ng

RT: 22.77 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

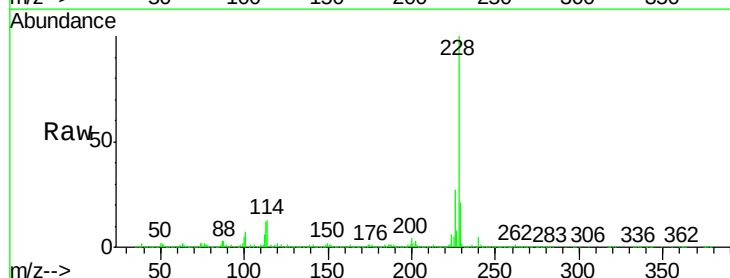
Tgt Ion:228 Resp: 2390008

Ion Ratio Lower Upper

228 100

226 27.0 23.8 35.8

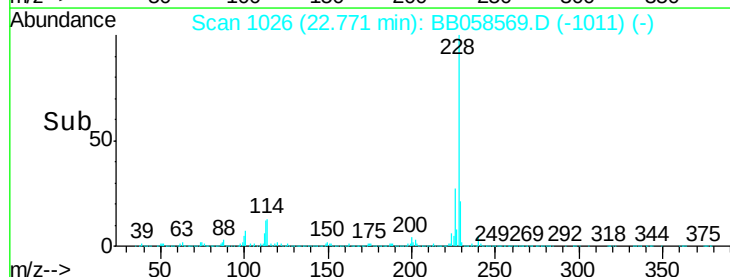
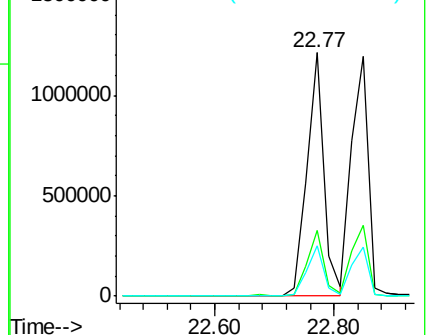
229 20.6 17.8 26.6

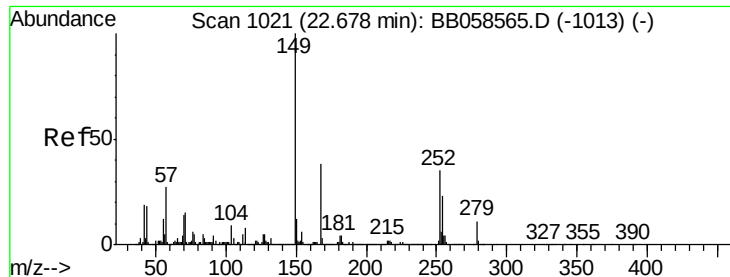


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





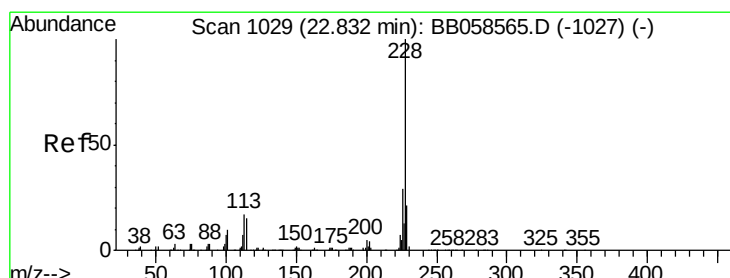
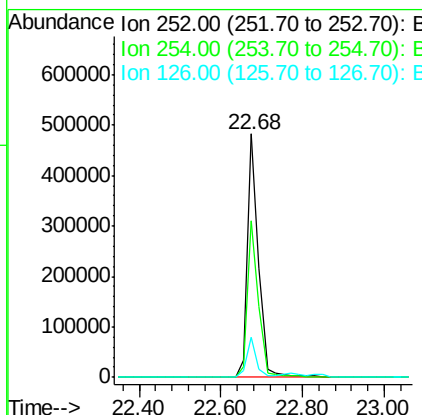
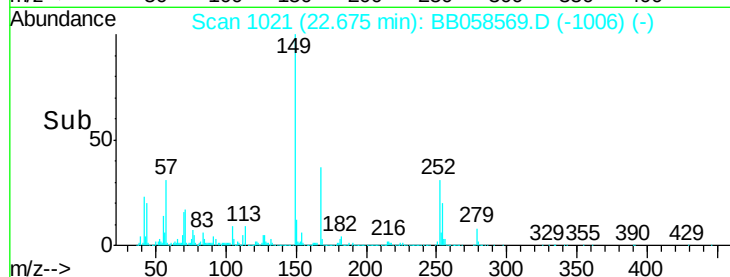
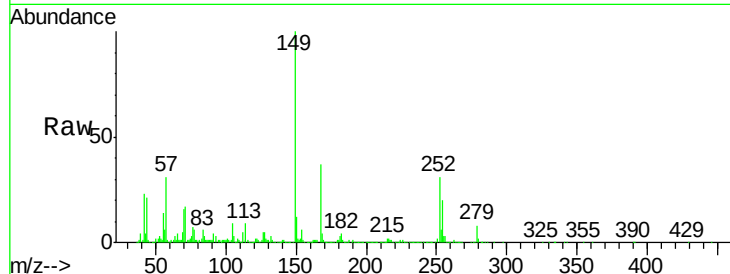
#81
 3,3'-Dichlorobenzidine
 Concen: 35.57 ng
 RT: 22.68 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BB058569.D
 Acq: 29 Sep 2016 22:40

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.4	52.8	79.2	
126	16.3	7.3	10.9	

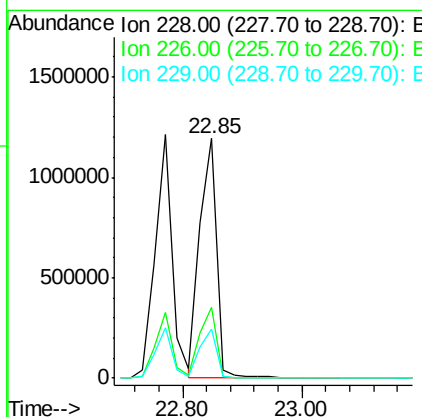
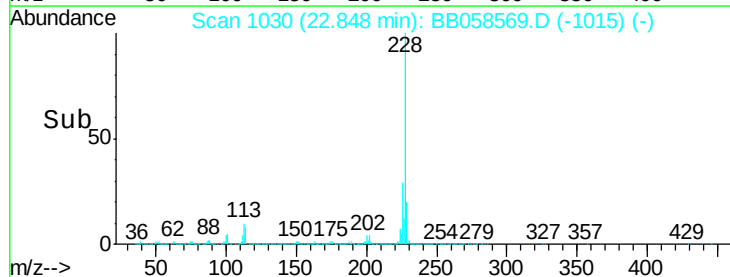
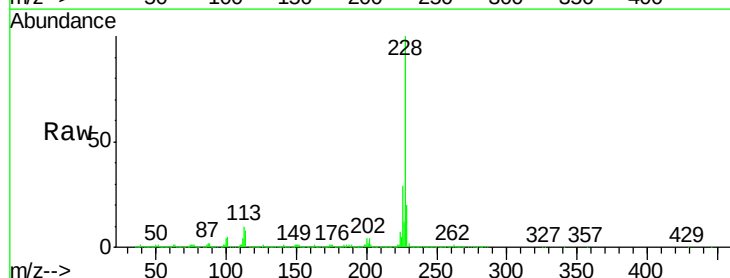
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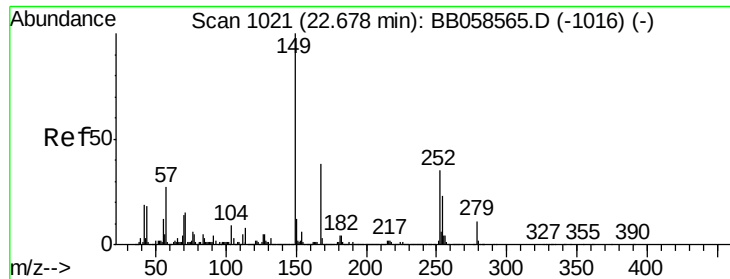
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#82
 Chrysene
 Concen: 38.03 ng
 RT: 22.85 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BB058569.D
 Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.4	27.3	40.9	
229	20.4	18.6	28.0	





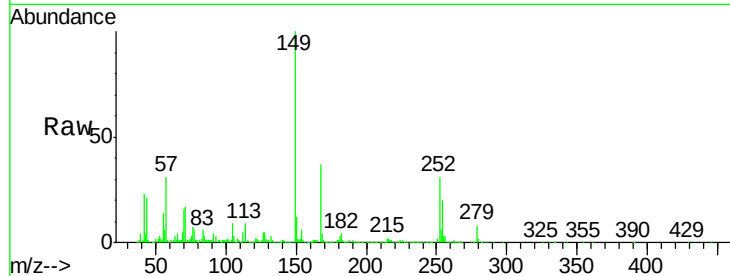
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.52 ng
 RT: 22.68 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BB058569.D
 Acq: 29 Sep 2016 22:40

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

Tot Ion	Ratio	Lower	Upper
149	100		
167	37.1	33.4	50.0
279	8.4	9.1	13.7

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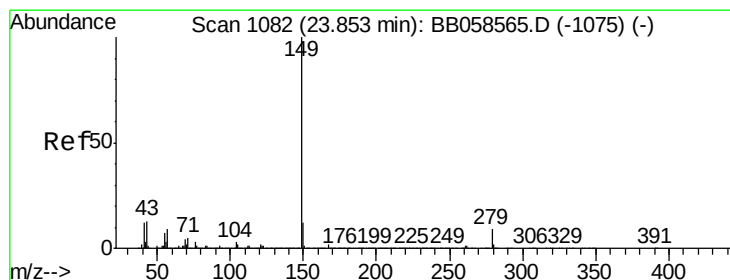
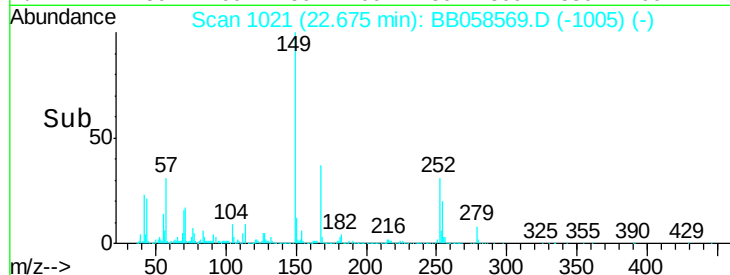
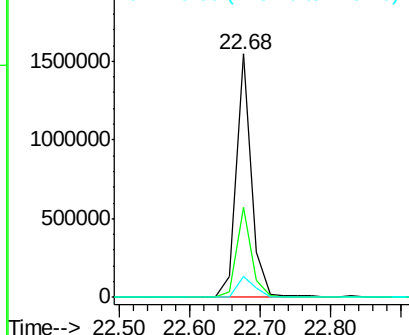


Abundance

Ion 149.00 (148.70 to 149.70): E

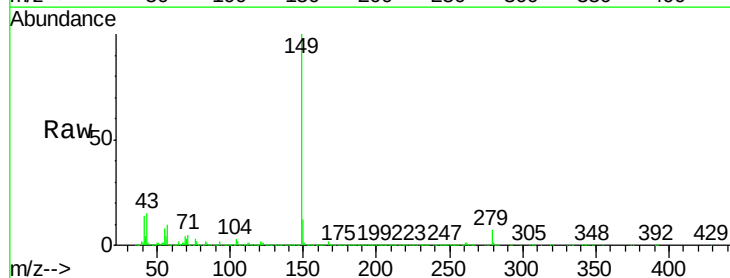
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 36.55 ng
 RT: 23.85 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: BB058569.D
 Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.7	2.5
43	15.6	12.5	18.7

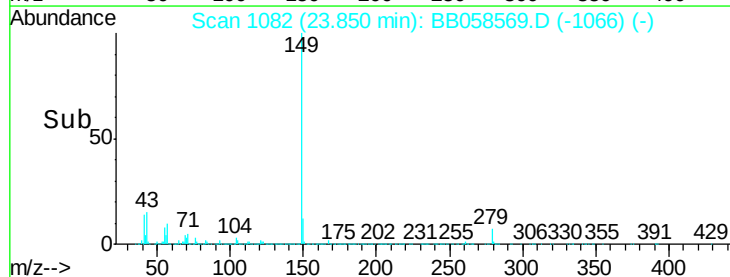
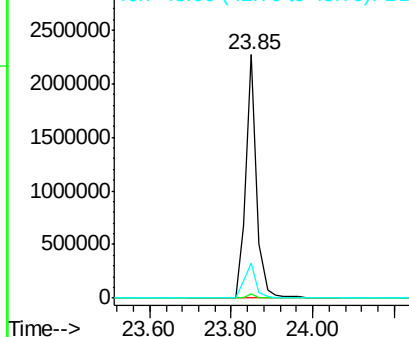


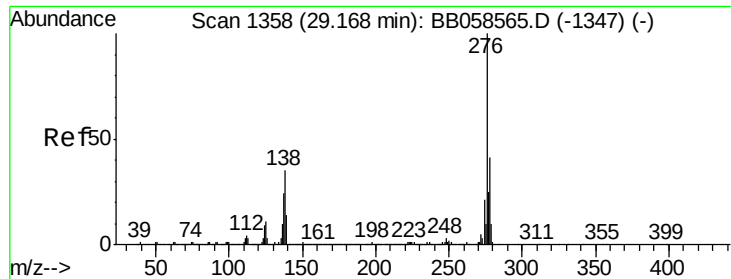
Abundance

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): BB0





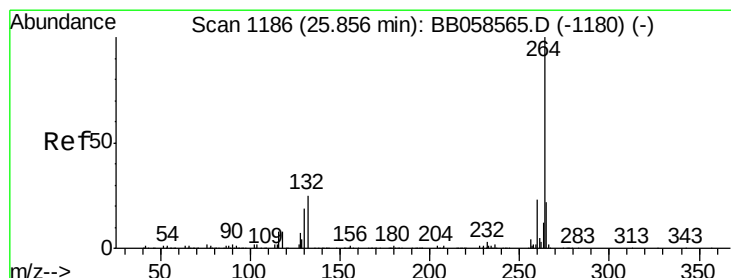
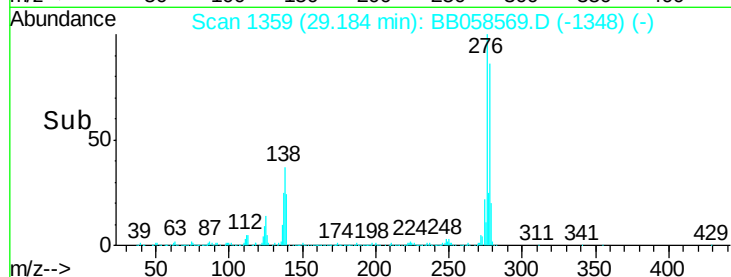
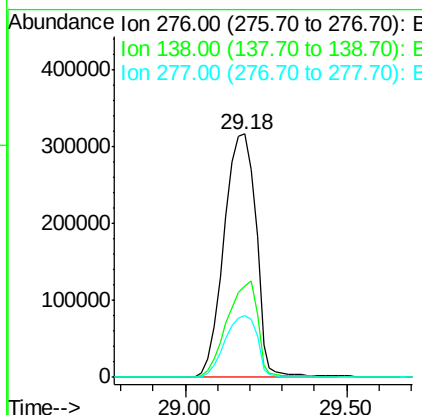
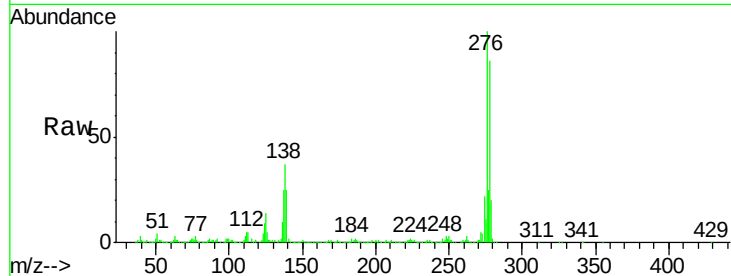
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.22 ng
RT: 29.18 min Scan# 1359
Delta R.T. -0.10 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.8	28.2	42.2
277	25.6	20.2	30.4

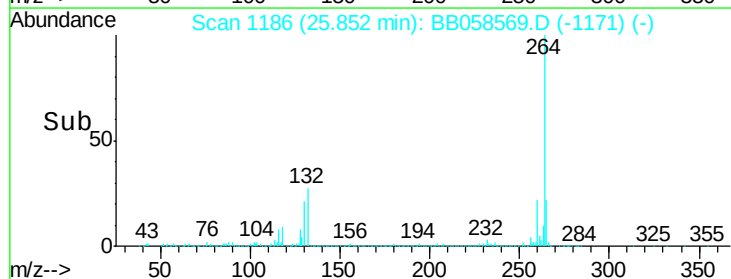
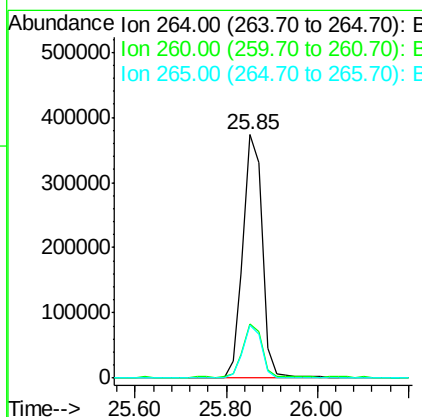
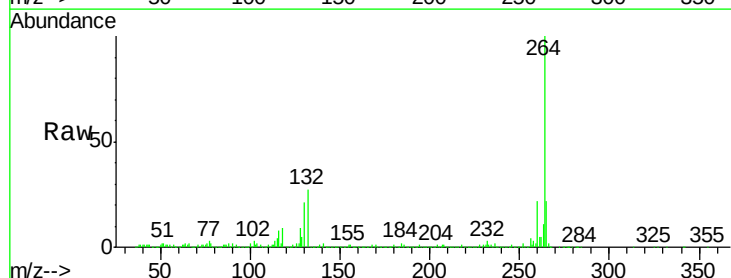
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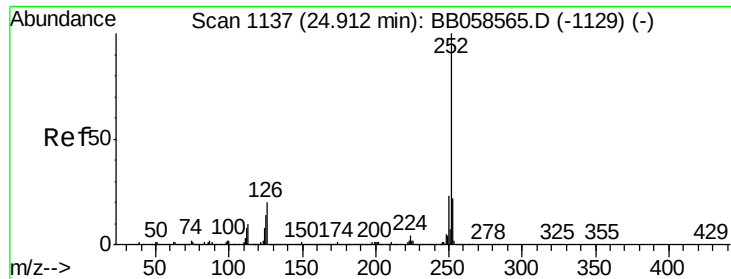
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.85 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.4	27.6
265	21.6	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 34.25 ng m

RT: 24.93 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Instrument :

BNA_B

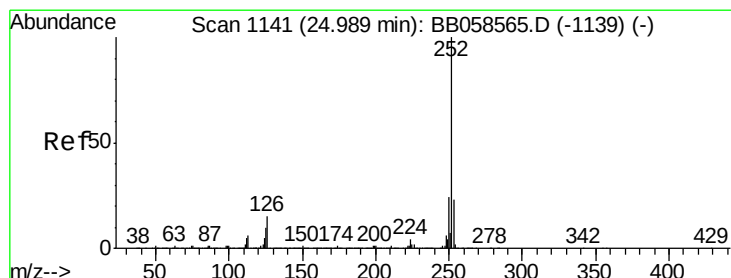
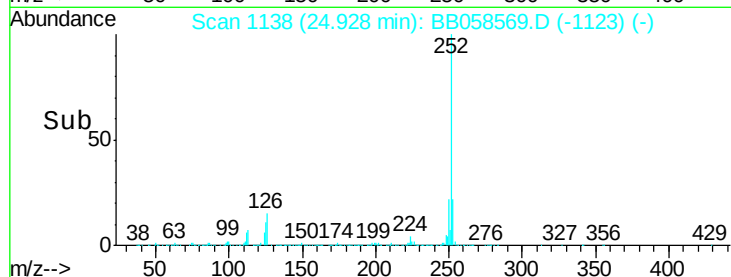
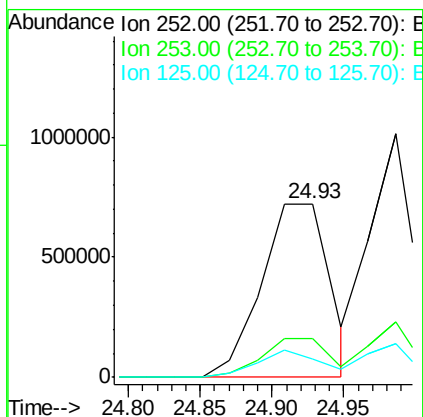
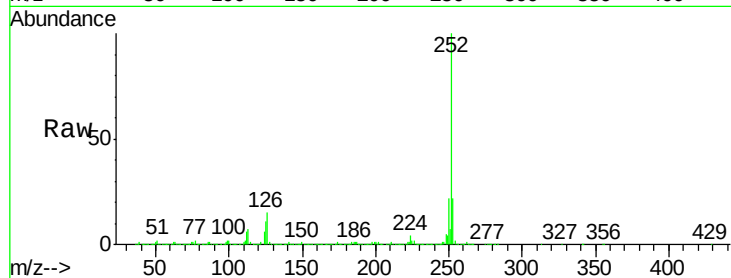
ClientSampled :

ICVBB093016

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	10.6	11.3	16.9

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#88

Benzo(k)fluoranthene

Concen: 39.05 ng

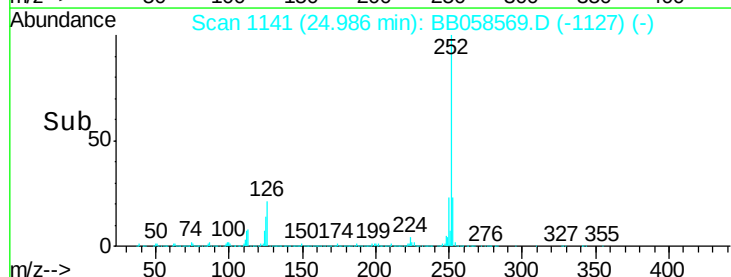
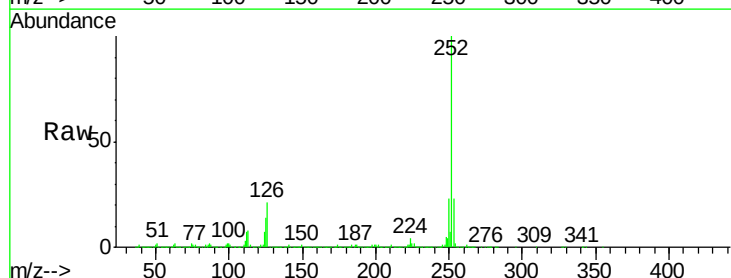
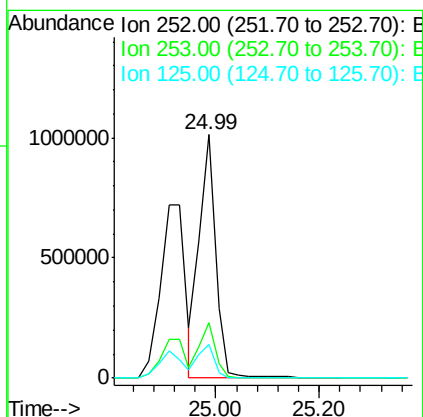
RT: 24.99 min Scan# 1141

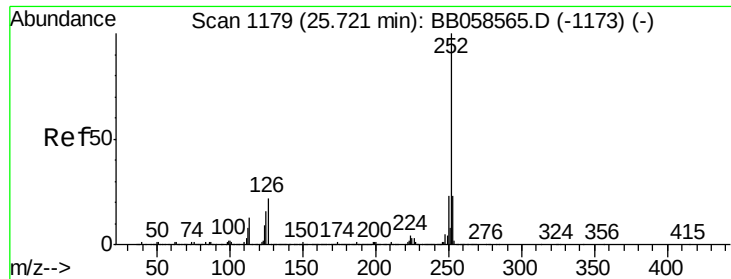
Delta R.T. -0.04 min

Lab File: BB058569.D

Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.2	28.8
125	13.9	11.0	16.6





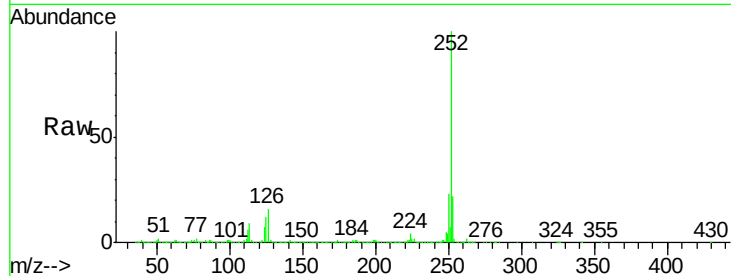
#89
Benzo(a)pyrene
Concen: 36.86 ng
RT: 25.74 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

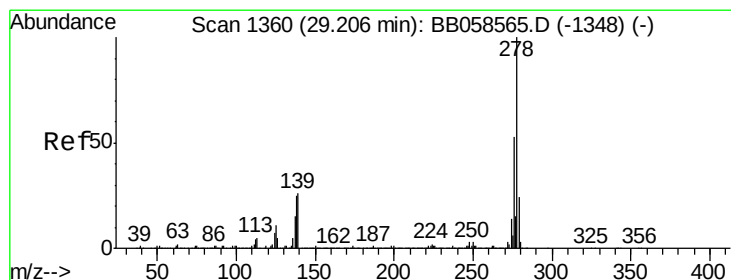
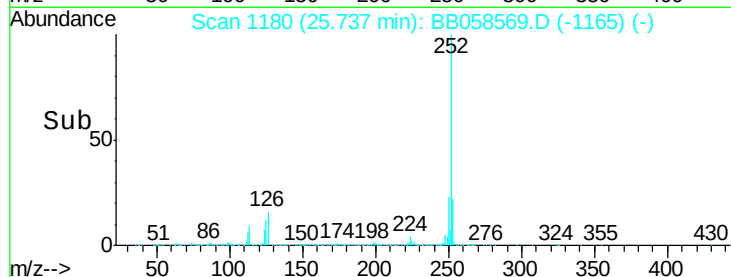
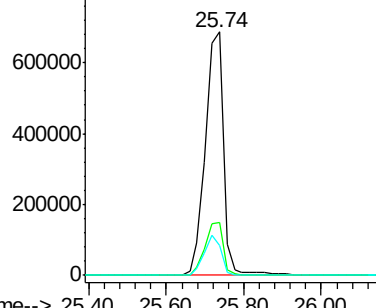
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	12.0	9.5	14.3

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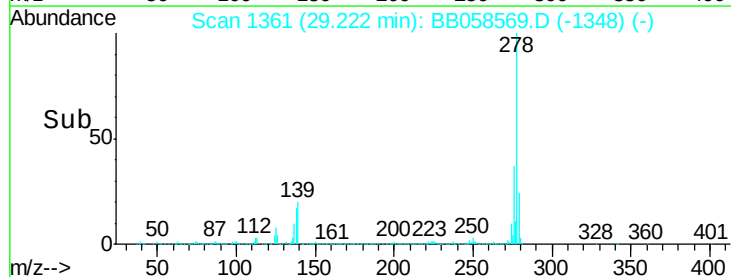
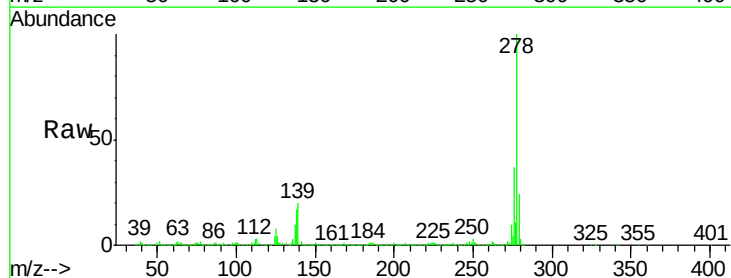
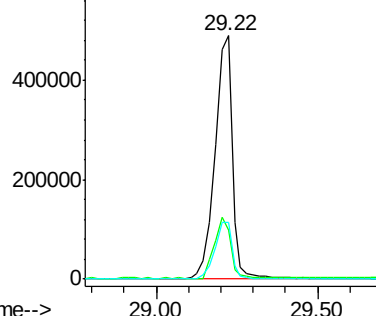
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

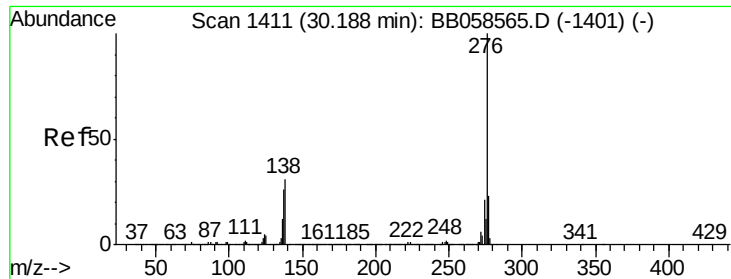


#90
Dibenzo(a,h)anthracene
Concen: 36.82 ng
RT: 29.22 min Scan# 1361
Delta R.T. -0.06 min
Lab File: BB058569.D
Acq: 29 Sep 2016 22:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	19.7	29.5
279	23.5	19.9	29.9

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





#91
 Benzo(a,h,i)perylene
 Concen: 36.02 ng
 RT: 30.19 min Scan# 1411
 Delta R.T. -0.06 min
 Lab File: BB058569.D
 Acq: 29 Sep 2016 22:40

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	31.9	22.0	33.0

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