

Data Path : Z:\HPCHEM1\BNA B\DATA\BB093016\
 Data File : BB058567.D
 Acq On : 29 Sep 2016 21:19
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

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 9/30/2016 7:25:00 PM

Quant Time: Sep 30 10:20:48 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 10:10:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	379760	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	1450973	20.00	ng	0.00
38) Acenaphthene-d10	15.57	164	715032	20.00	ng	0.00
63) Phenanthrene-d10	18.42	188	1243925	20.00	ng	0.00
75) Chrysene-d12	22.79	240	1146259	20.00	ng	0.00
86) Perylene-d12	25.85	264	1072699	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.08	112	2964304	126.62	ng	0.02
7) Phenol-d6	7.83	99	3439407	124.74	ng	0.02
23) Nitrobenzene-d5	9.91	82	3550527	122.56	ng	0.02
41) 2,4,6-Tribromophenol	17.13	330	1130650	141.72	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	4731953	122.92	ng	0.00
78) Terphenyl-d14	21.10	244	4190275	110.91	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	587879	66.25	ng	98
3) Pyridine	4.13	79	1496839	65.95	ng	99
4) n-Nitrosodimethylamine	4.07	42	1112776	64.50	ng	98
6) Aniline	7.98	93	2125756	61.06	ng	100
8) 2-Chlorophenol	8.23	128	1679370	61.70	ng	97
9) Benzaldehyde	7.73	77	824343	64.87	ng	94
10) Phenol	7.87	94	1788409	63.04	ng	95
11) bis(2-Chloroethyl)ether	8.06	93	1538019	61.51	ng	92
12) 1,3-Dichlorobenzene	8.56	146	1707465	61.46	ng	98
13) 1,4-Dichlorobenzene	8.72	146	1740803	61.17	ng	98
14) 1,2-Dichlorobenzene	9.06	146	1649962	62.32	ng	97
15) Benzyl Alcohol	8.95	79	1283497	62.13	ng	98
16) 2,2'-oxybis(1-Chloropropan	9.25	45	2807103	63.20	ng	99
17) 2-Methylphenol	9.16	107	1184254	60.76	ng	97
18) Hexachloroethane	9.83	117	780852	62.05	ng	91
19) n-Nitroso-di-n-propylamine	9.58	70	1227483	60.81	ng	96
20) 3+4-Methylphenols	9.54	107	1521501	60.66	ng	# 84
22) Acetophenone	9.54	105	1964486	61.46	ng	# 91
24) Nitrobenzene	9.95	77	1727190	59.60	ng	92
25) Isophorone	10.53	82	3436605	61.15	ng	99
26) 2-Nitrophenol	10.70	139	1070353	60.48	ng	91
27) 2,4-Dimethylphenol	10.78	122	1495303	60.79	ng	97
28) bis(2-Chloroethoxy)methane	11.01	93	1824641	61.12	ng	98
29) 2,4-Dichlorophenol	11.28	162	1377395	59.91	ng	97
30) 1,2,4-Trichlorobenzene	11.49	180	1377674	59.03	ng	99
31) Naphthalene	11.68	128	3943628	56.95	ng	99
32) Benzoic acid	11.10	122	1069646	67.87	ng	98
33) 4-Chloroaniline	11.78	127	1851670	59.86	ng	97
34) Hexachlorobutadiene	12.03	225	747098	61.67	ng	98
35) Caprolactam	12.68	113	563823m	65.75	ng	
36) 4-Chloro-3-methylphenol	12.97	107	1514355	62.13	ng	95
37) 2-Methylnaphthalene	13.34	142	2649533	59.14	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	1271217	72.99	ng	100
40) Hexachlorocyclopentadiene	13.74	237	655125	68.84	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	970455	69.28	nq	96
43) 2,4,5-Trichlorophenol	14.05	196	1012425	72.24	nq #	94
45) 1,1'-Biphenyl	14.38	154	3087443	61.43	nq	98
46) 2-Chloronaphthalene	14.42	162	2649936	69.54	nq	97
47) 2-Nitroaniline	14.61	65	1083629	73.15	nq	89
48) Acenaphthylene	15.30	152	4155190	69.88	nq	99
49) Dimethylphthalate	15.03	163	3056528	64.70	nq	97
50) 2,6-Dinitrotoluene	15.13	165	876924	64.55	nq #	74
51) Acenaphthene	15.65	154	2749917	68.98	nq	98
52) 3-Nitroaniline	15.47	138	977455	68.72	nq	90
53) 2,4-Dinitrophenol	15.69	184	669570	72.53	nq #	73
54) Dibenzofuran	15.99	168	3316634	65.67	nq	94
55) 4-Nitrophenol	15.82	139	913121	74.28	nq	93
56) 2,4-Dinitrotoluene	15.96	165	1182376	66.44	nq #	73
57) Fluorene	16.67	166	2746006	68.70	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.24	232	755959	72.24	nq	98
59) Diethylphthalate	16.44	149	3289700	68.48	nq	96
60) 4-Chlorophenyl-phenylether	16.65	204	1285114	66.24	nq	94
61) 4-Nitroaniline	15.47	138	977455	68.72	nq	90
62) Azobenzene	16.96	77	3161248	65.19	nq	87
64) 4,6-Dinitro-2-methylphenol	16.76	198	812364	62.11	nq #	64
65) n-Nitrosodiphenylamine	16.88	169	2489446	59.55	nq	99
66) 4-Bromophenyl-phenylether	17.57	248	815886	60.64	nq #	87
67) Hexachlorobenzene	17.75	284	1079731	65.87	nq #	77
68) Atrazine	17.86	200	768907	57.50	nq	98
69) Pentachlorophenol	18.07	266	693820	66.28	nq	99
70) Phenanthrene	18.48	178	3959276	61.16	nq	99
71) Anthracene	18.57	178	4079293	63.30	nq	96
72) Carbazole	18.84	167	3998762	64.15	nq #	93
73) Di-n-butylphthalate	19.40	149	5135544	62.85	nq #	94
74) Fluoranthene	20.52	202	3690591	60.49	nq	97
76) Benzidine	20.69	184	2292819	69.52	nq	96
77) Pyrene	20.90	202	4154889	66.52	nq	96
79) Butylbenzylphthalate	21.79	149	2619630	59.24	nq #	92
80) Benzo(a)anthracene	22.77	228	3606153	61.15	nq	98
81) 3,3'-Dichlorobenzidine	22.70	252	1445541	65.05	nq #	98
82) Chrysene	22.85	228	3240832	57.68	nq	97
83) Bis(2-ethylhexyl)phthalate	22.68	149	3243782	57.35	nq #	94
84) Di-n-octyl phthalate	23.85	149	6179294	61.29	nq	100
85) Indeno(1,2,3-cd)pyrene	29.22	276	3626038	56.82	nq	98
87) Benzo(b)fluoranthene	24.93	252	4243395	66.72	nq	99
88) Benzo(k)fluoranthene	25.01	252	3225555	57.93	nq	99
89) Benzo(a)pyrene	25.74	252	3559221	64.01	nq #	95
90) Dibenzo(a,h)anthracene	29.26	278	3002363	59.85	nq	95
91) Benzo(g,h,i)perylene	30.22	276	2749735	56.40	nq	98

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

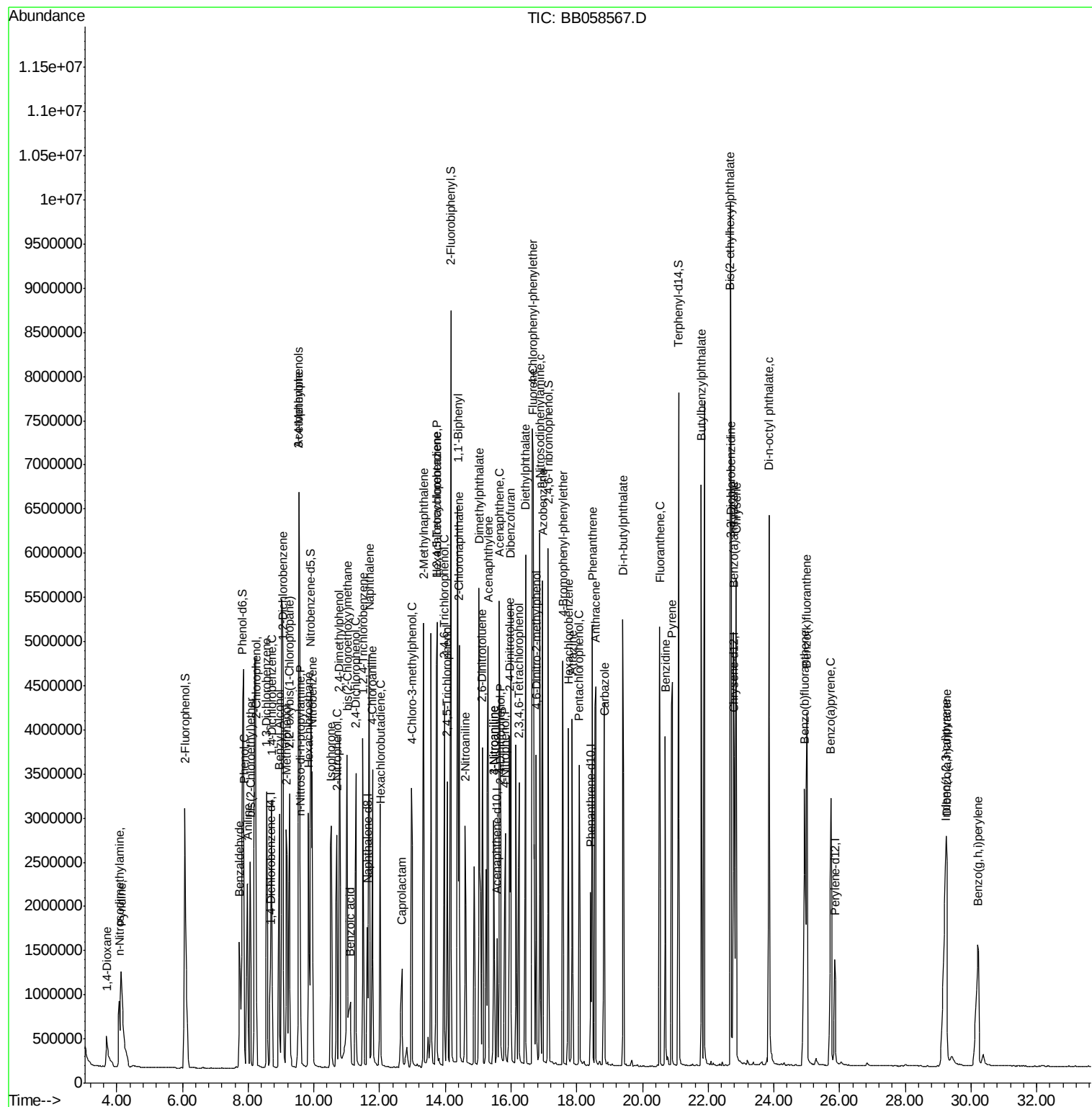
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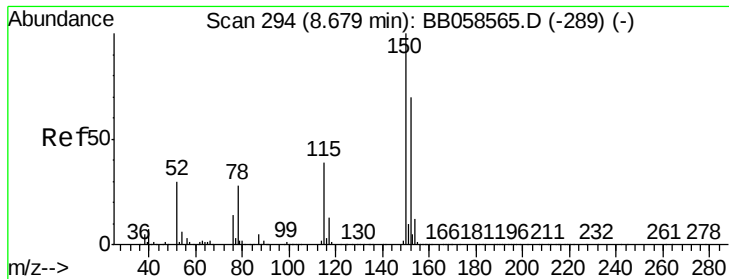
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.68 min Scan# 294

Delta R.T. -0.00 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Instrument :

BNA_B

ClientSampleId :

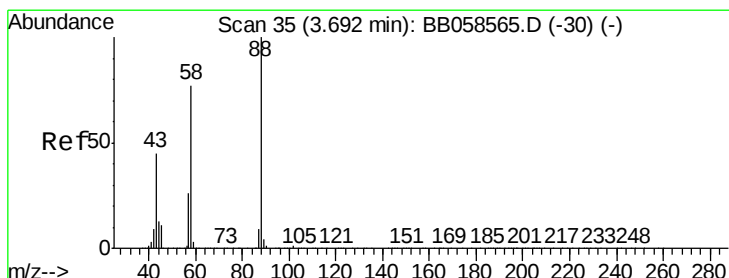
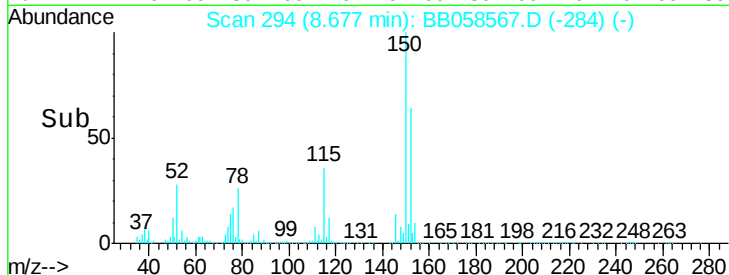
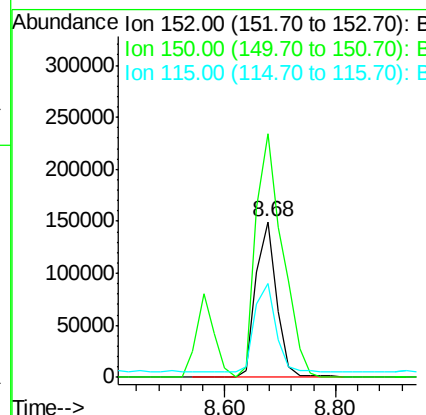
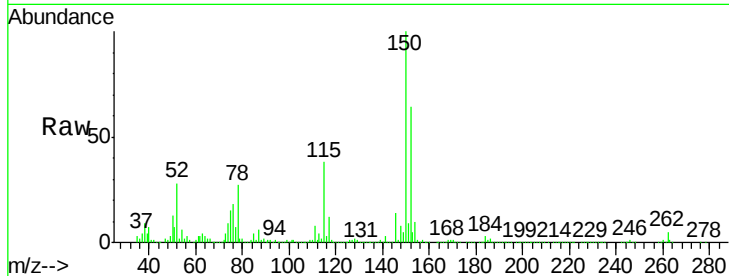
SSTDICC060

Tot Ion:	152	Resp:	379760
Ion	Ratio	Lower	Upper
152	100		
150	156.5	122.9	184.3
115	60.1	48.5	72.7

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#2

1,4-Dioxane

Concen: 66.25 ng

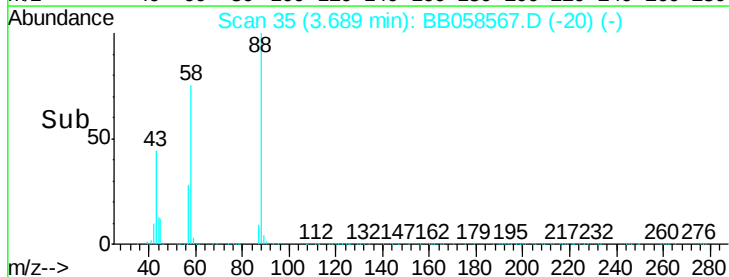
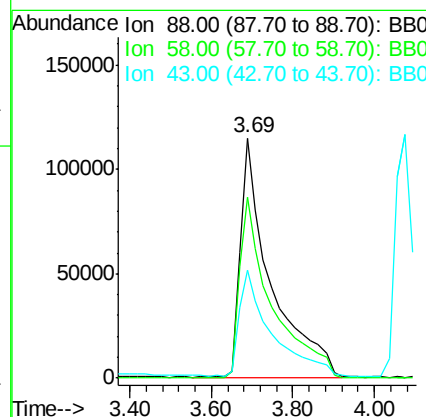
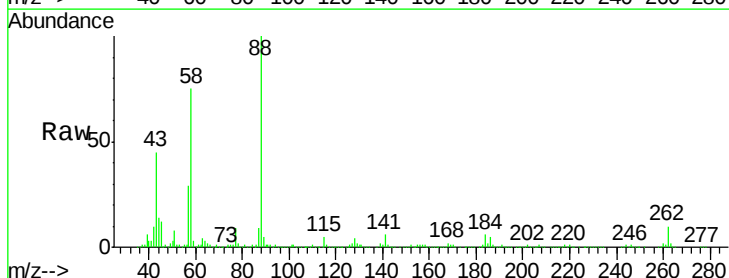
RT: 3.69 min Scan# 35

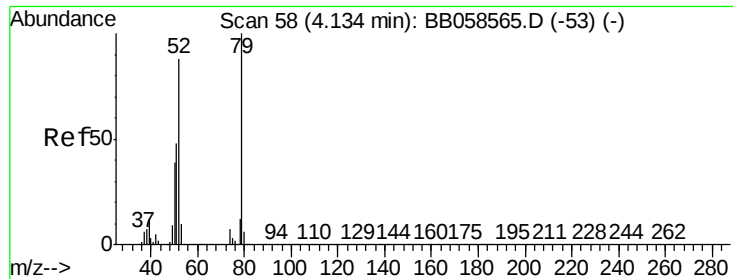
Delta R.T. -0.00 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Tgt Ion:	88	Resp:	587879
Ion	Ratio	Lower	Upper
88	100		
58	80.3	62.6	93.8
43	46.7	36.5	54.7





#3

Pvridine

Concen: 65.95 ng

RT: 4.13 min Scan# 58

Delta R.T. -0.00 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Instrument :

BNA_B

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 1496839

Ion Ratio Lower Upper

79 100

52 87.4 69.4 104.2

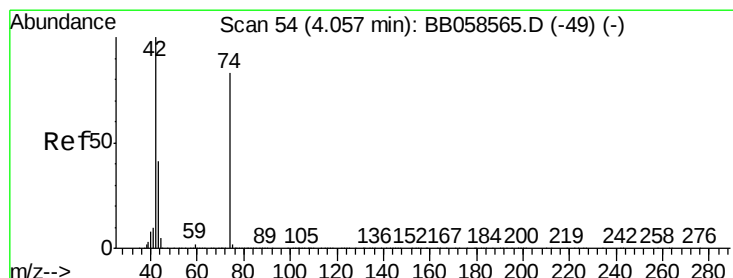
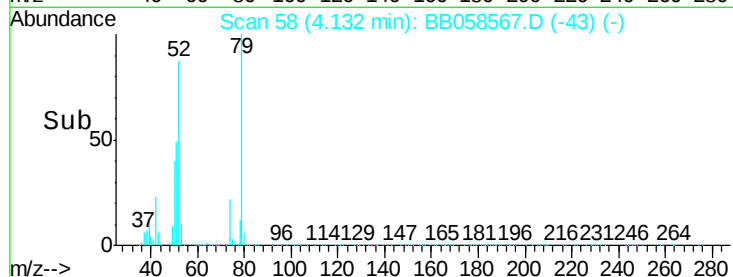
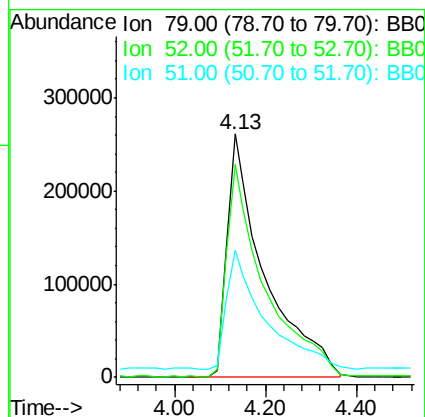
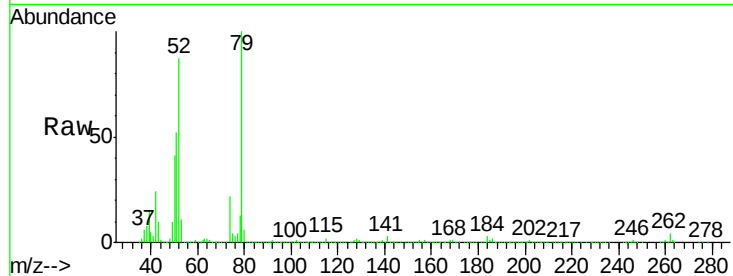
51 52.5 42.7 64.1

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#4

n-Nitrosodimethylamine

Concen: 64.50 ng

RT: 4.07 min Scan# 55

Delta R.T. 0.02 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

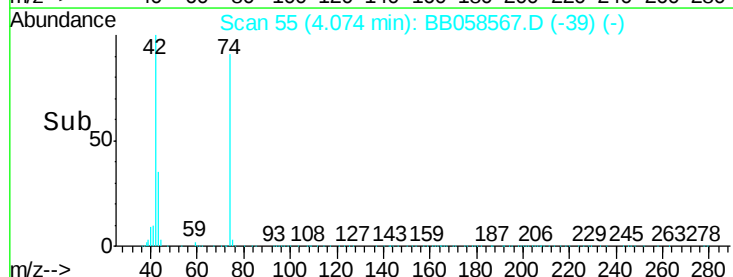
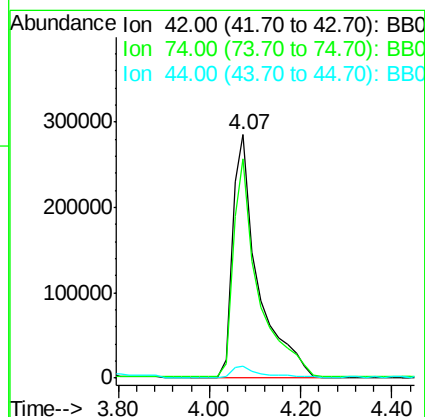
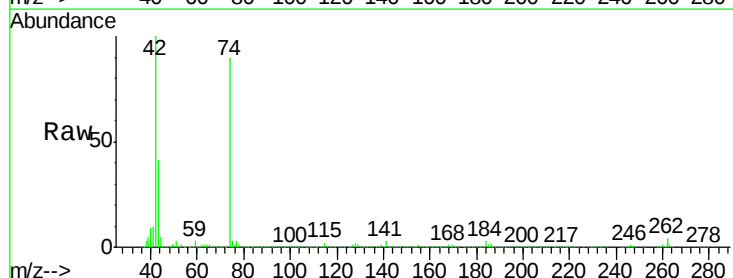
Tgt Ion: 42 Resp: 1112776

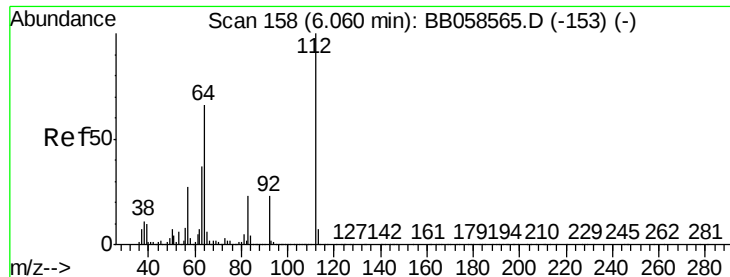
Ion Ratio Lower Upper

42 100

74 90.0 73.5 110.3

44 5.0 4.1 6.1





#5

2-Fluorophenol

Concen: 126.62 ng

RT: 6.08 min Scan# 159

Delta R.T. 0.02 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Instrument :

BNA_B

ClientSampleId :

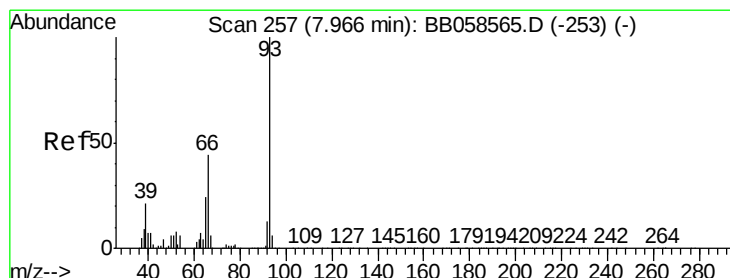
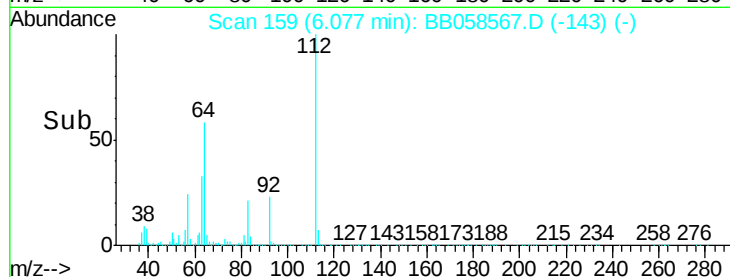
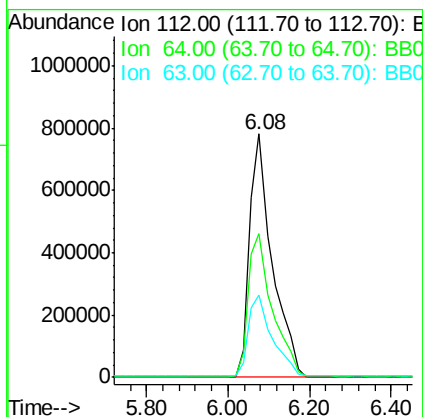
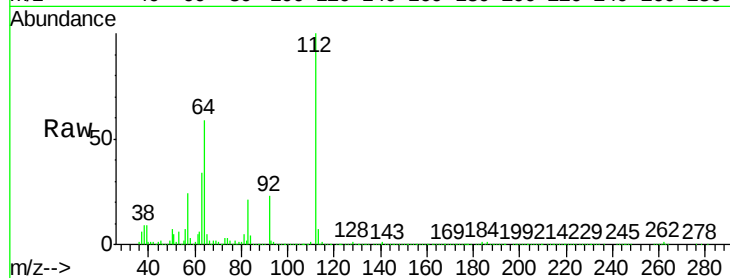
SSTDIC060

Tot Ion:	112	Resp:	2964304
Ion	Ratio	Lower	Upper
112	100		
64	58.9	46.7	70.1
63	33.7	27.0	40.6

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#6

Aniline

Concen: 61.06 ng

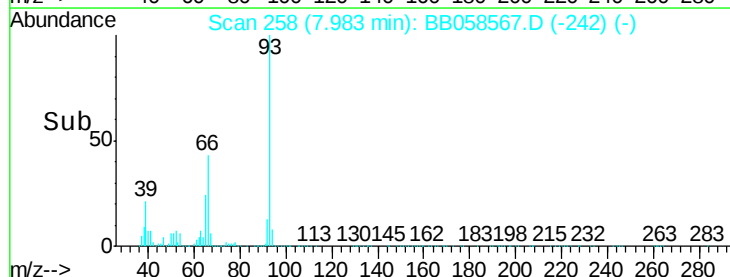
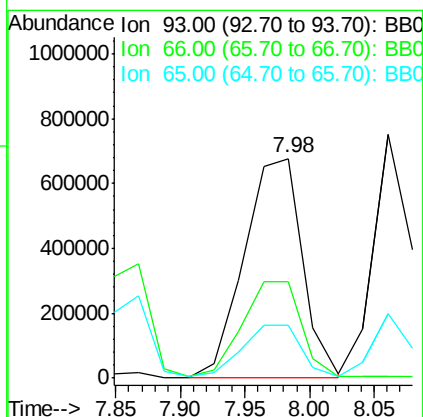
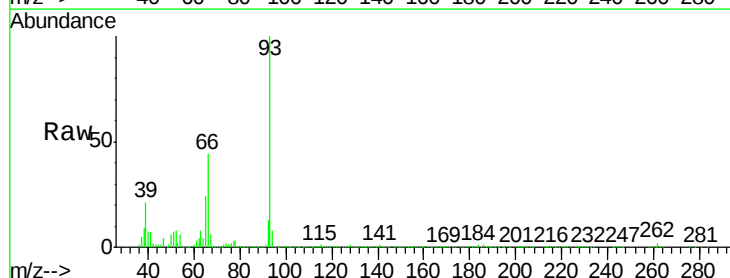
RT: 7.98 min Scan# 258

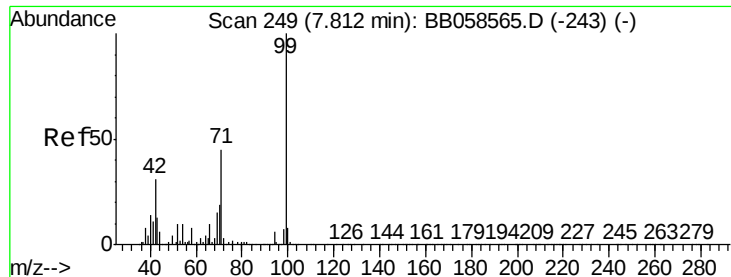
Delta R.T. 0.02 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Tgt Ion:	93	Resp:	2125756
Ion	Ratio	Lower	Upper
93	100		
66	43.6	34.7	52.1
65	23.9	19.0	28.6





#7

Phenol-d6

Concen: 124.74 ng

RT: 7.83 min Scan# 250

Delta R.T. 0.02 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Instrument :

BNA_B

ClientSampled :

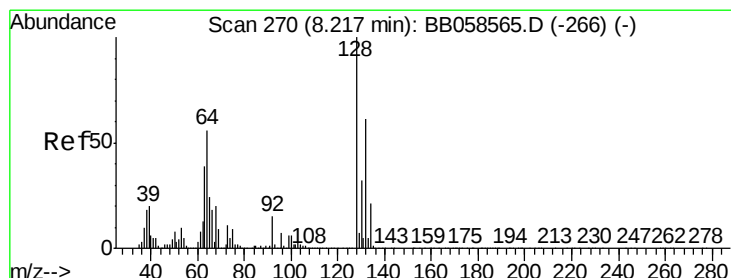
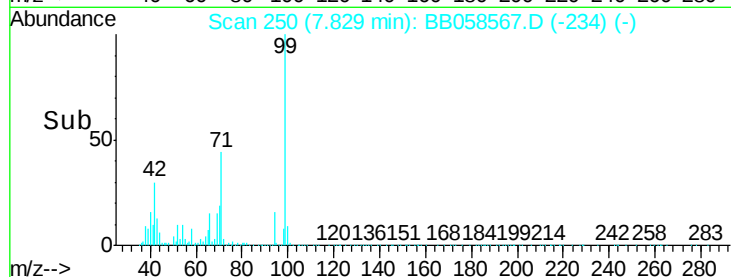
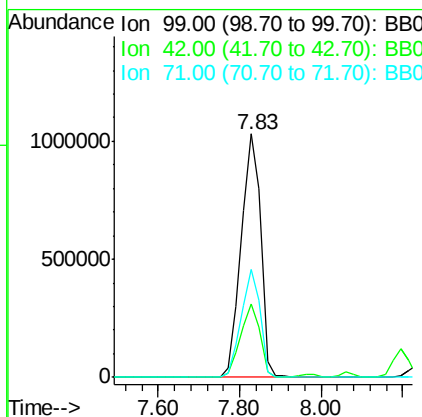
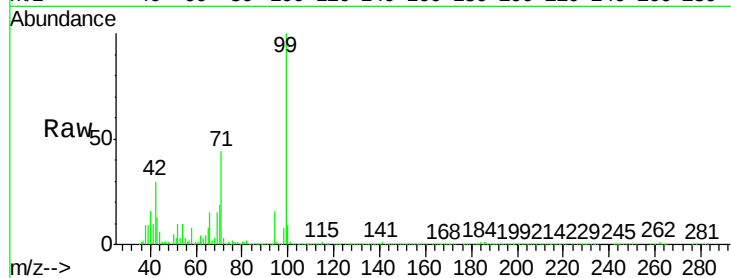
SSTDICC060

Tot Ion	99	Resp	3439407
Ion	Ratio	Lower	Upper
99	100		
42	30.2	22.0	33.0
71	44.3	34.5	51.7

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#8

2-Chlorophenol

Concen: 61.70 ng

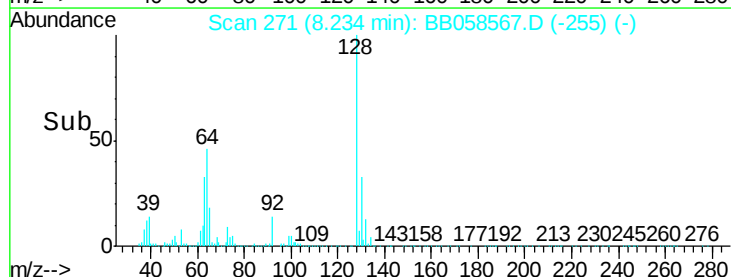
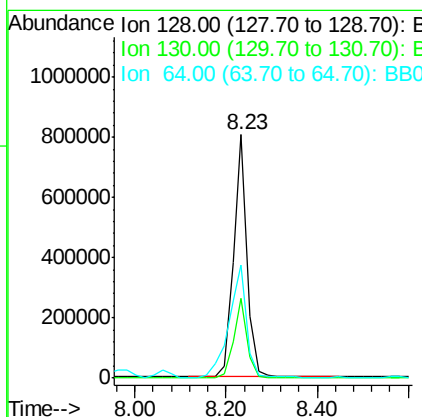
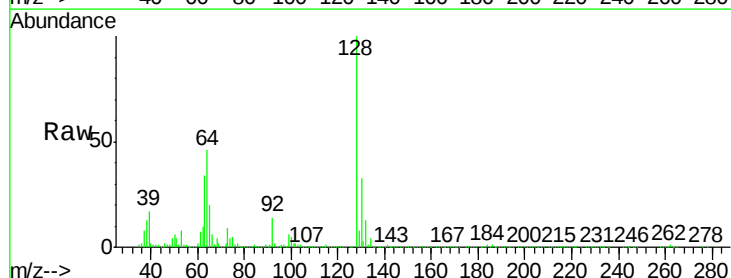
RT: 8.23 min Scan# 271

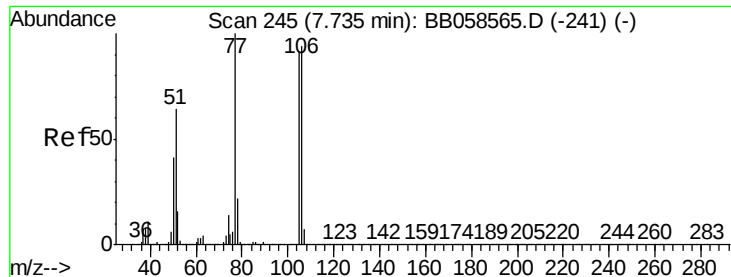
Delta R.T. 0.02 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Tgt Ion	128	Resp	1679370
Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	46.3	29.6	69.6





#9

Benzaldehyde

Concen: 64.87 ng

RT: 7.73 min Scan# 245

Delta R.T. -0.00 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Instrument :

BNA_B

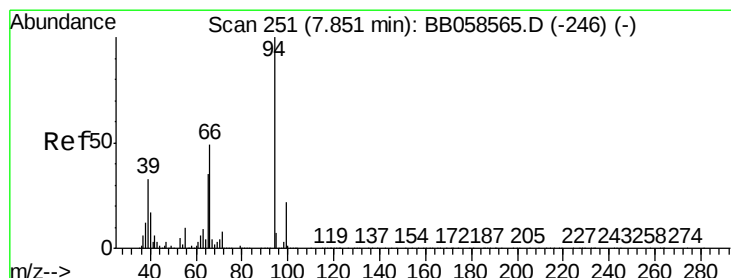
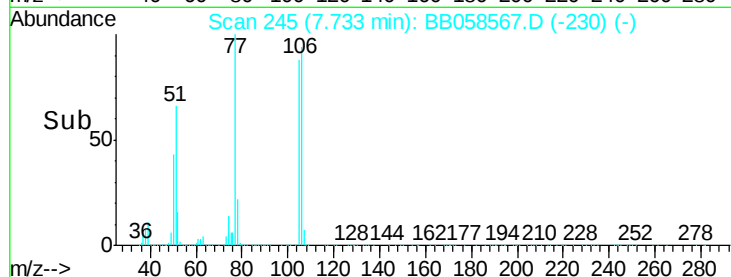
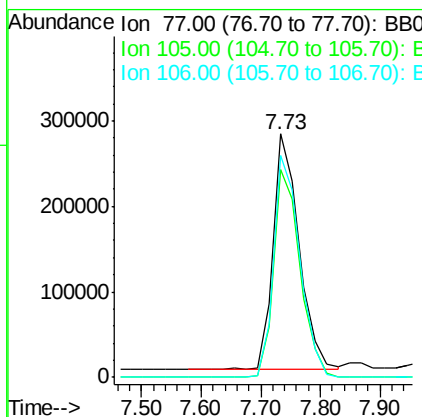
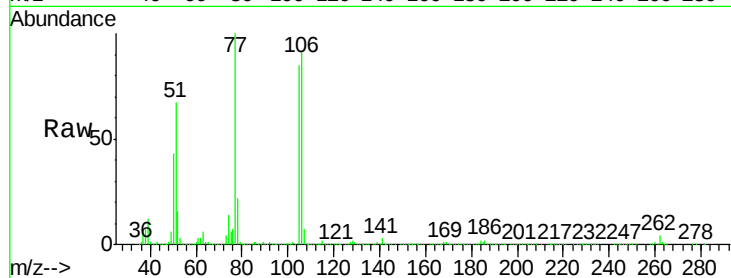
ClientSampleId :

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Tot Ion:	77	Resp:	824343
Ion	Ratio	Lower	Upper
77	100		
105	85.4	71.9	111.9
106	91.0	75.7	115.7

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#10

Phenol

Concen: 63.04 ng

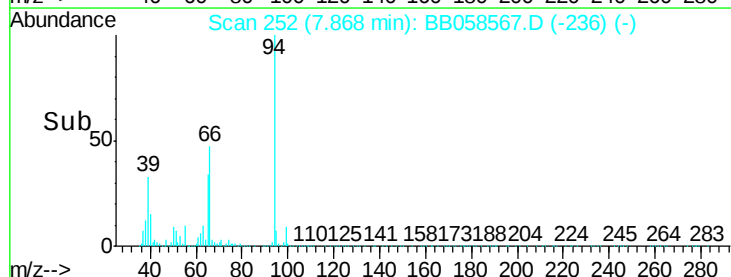
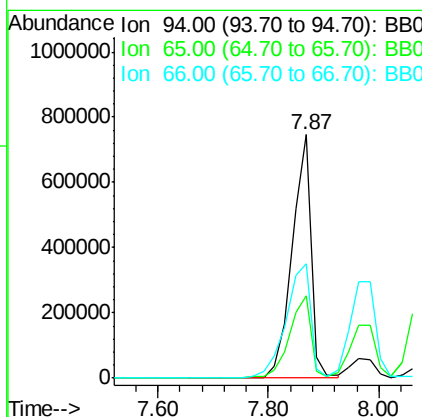
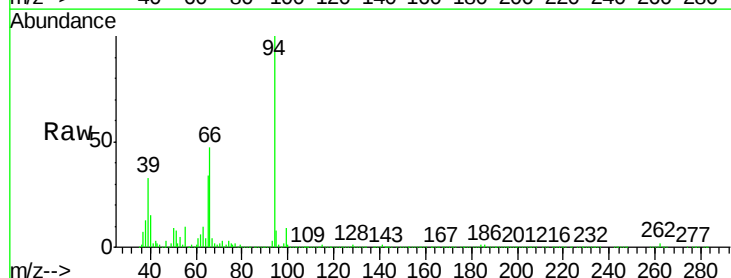
RT: 7.87 min Scan# 252

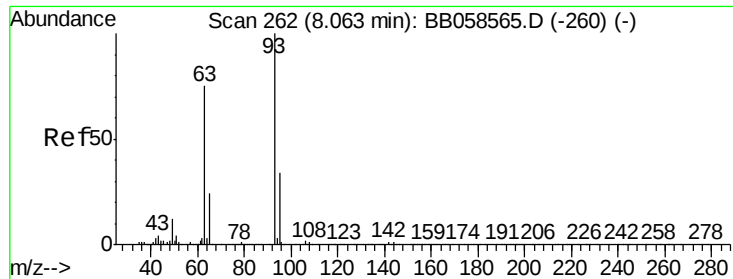
Delta R.T. 0.02 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Tgt Ion:	94	Resp:	1788409
Ion	Ratio	Lower	Upper
94	100		
65	33.9	16.4	56.4
66	47.1	31.6	71.6





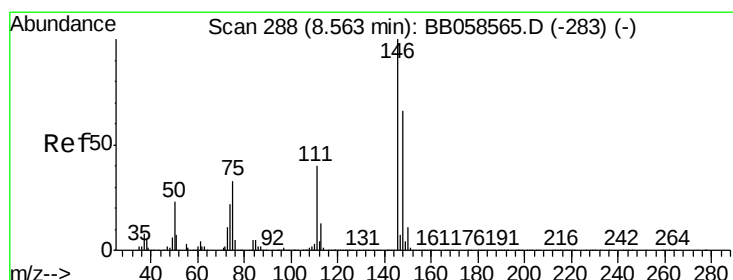
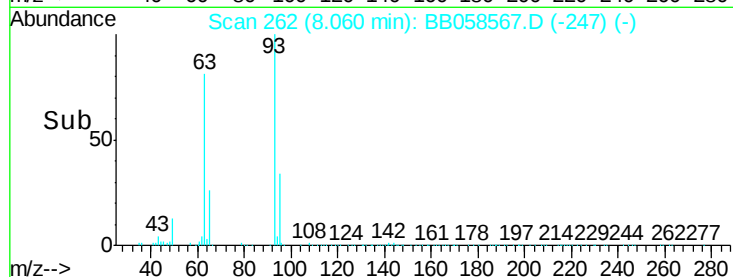
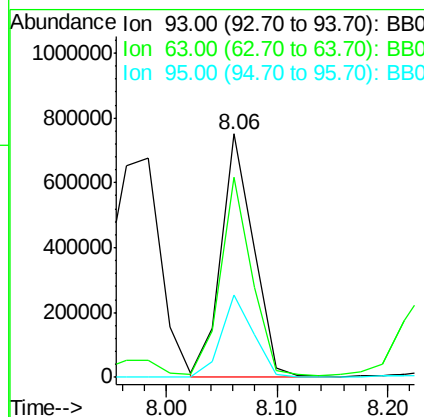
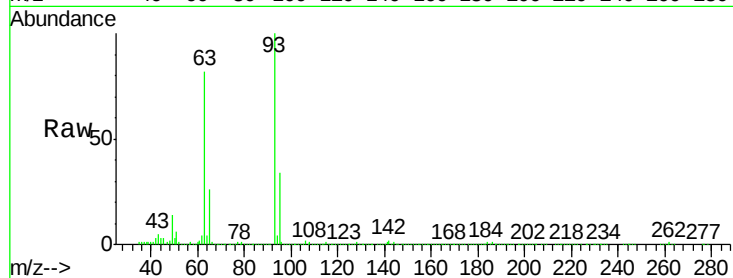
#11
bis(2-Chloroethyl)ether
Concen: 61.51 ng
RT: 8.06 min Scan# 262
Delta R.T. -0.00 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Instrument :
BNA_B
ClientSampleId :
SSTDIC060

Tot Ion:	93	Resp:	1538019
Ion	Ratio	Lower	Upper
93	100		
63	82.4	53.6	93.6
95	33.7	14.7	54.7

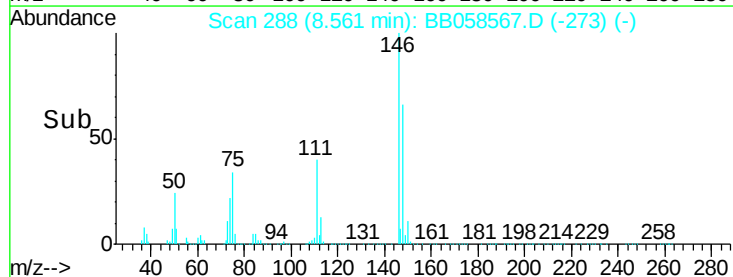
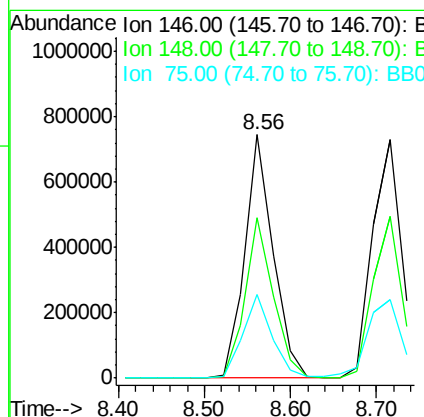
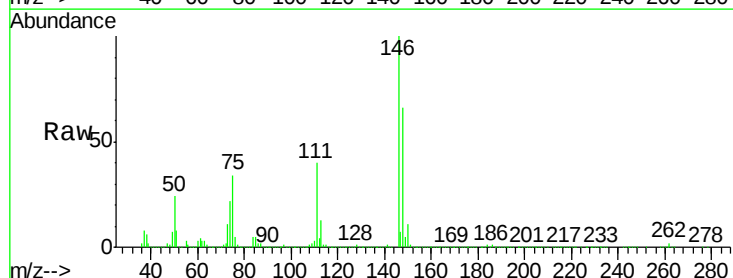
Manual Integrations
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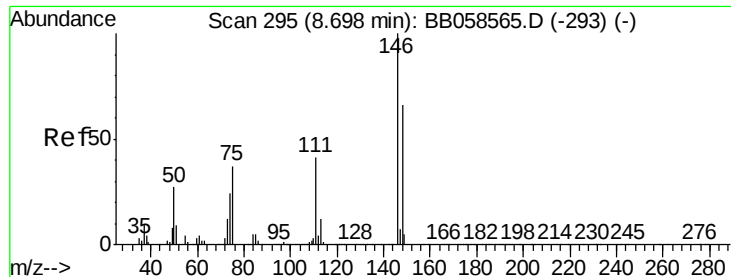
sohil
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#12
1,3-Dichlorobenzene
Concen: 61.46 ng
RT: 8.56 min Scan# 288
Delta R.T. -0.00 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion:	146	Resp:	1707465
Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.5	78.7
75	34.5	29.7	44.5





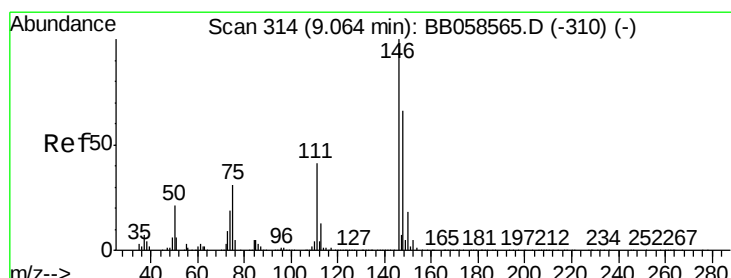
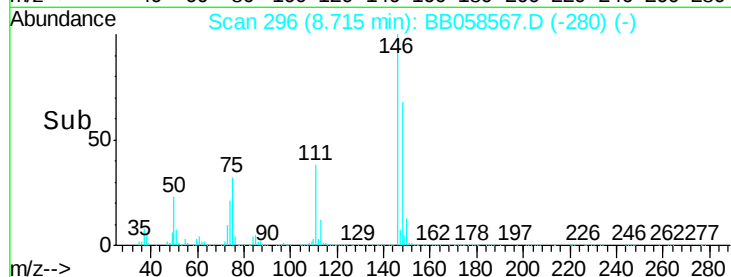
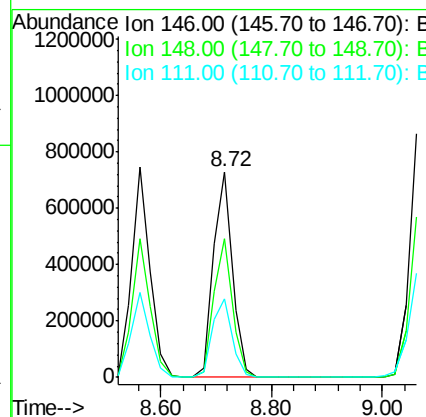
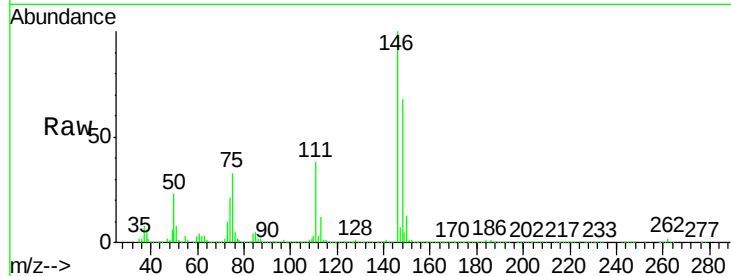
#13
1,4-Dichlorobenzene
Concen: 61.17 ng
RT: 8.72 min Scan# 296
Delta R.T. 0.02 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Instrument :
BNA_B
ClientSampleId :
SSTDICC060

Tot Ion:146 Resp: 1740803
Ion Ratio Lower Upper
146 100
148 67.7 53.4 80.0
111 38.1 32.0 48.0

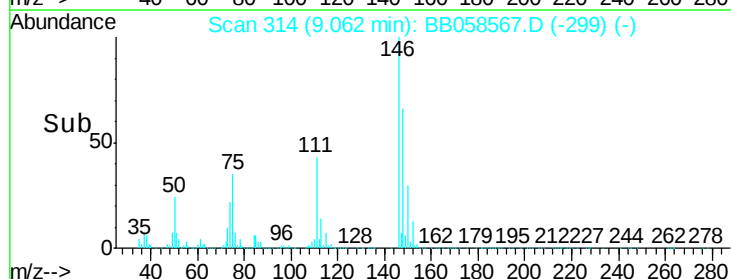
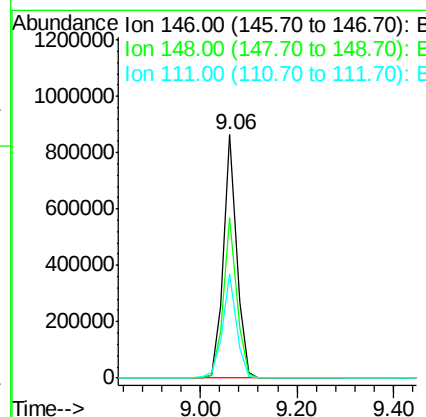
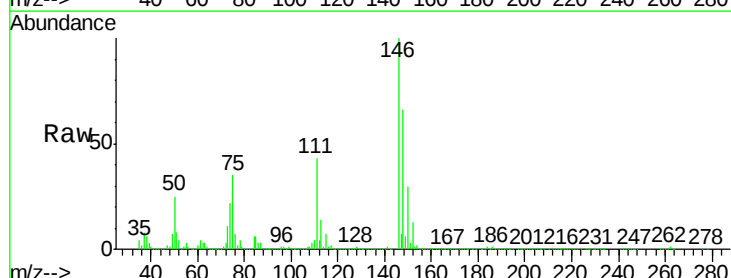
Manual Integrations
APPROVED

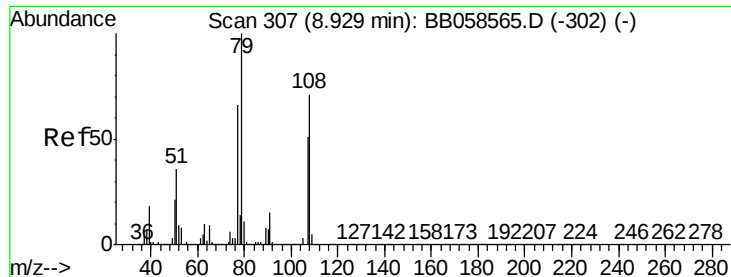
sohil
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#14
1,2-Dichlorobenzene
Concen: 62.32 ng
RT: 9.06 min Scan# 314
Delta R.T. -0.00 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion:146 Resp: 1649962
Ion Ratio Lower Upper
146 100
148 66.0 53.6 80.4
111 42.8 37.4 56.0





#15

Benzyl Alcohol

Concen: 62.13 ng

RT: 8.95 min Scan# 308

Delta R.T. 0.02 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Instrument :

BNA_B

ClientSampleId :

SSTDIC060

Tot Ion: 79 Resp: 1283497

Ion Ratio Lower Upper

79 100

108 73.9 58.6 87.8

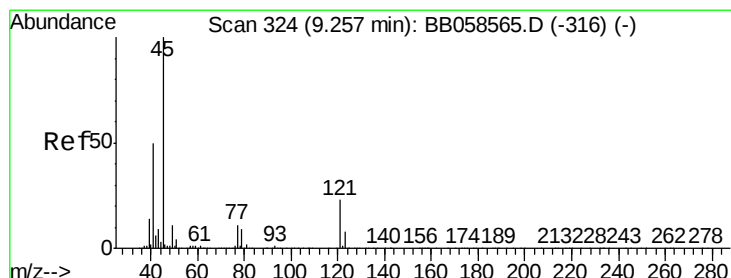
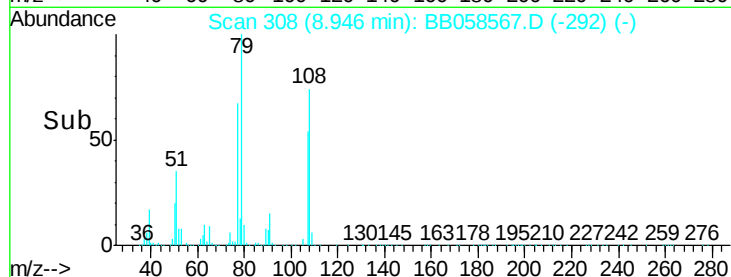
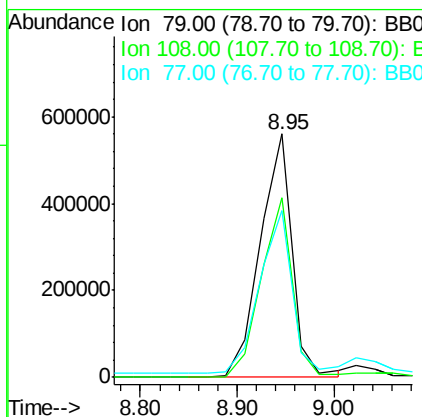
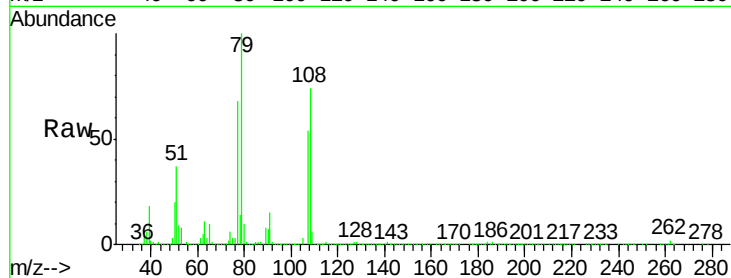
77 68.4 56.9 85.3

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 63.20 ng

RT: 9.25 min Scan# 324

Delta R.T. -0.00 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

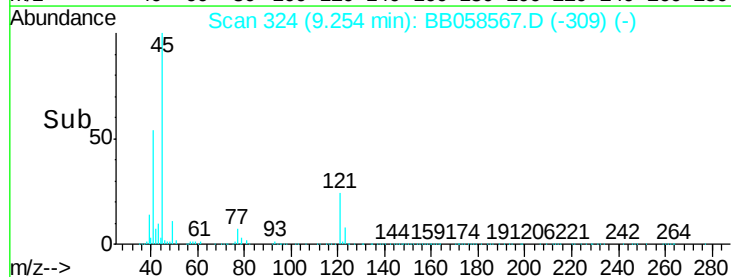
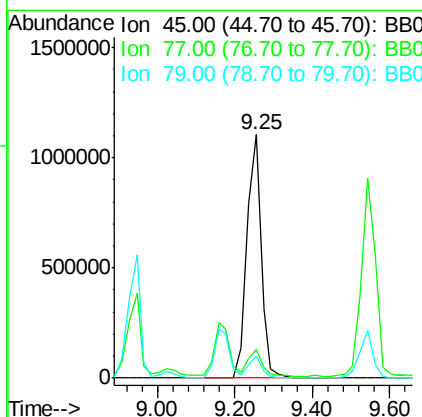
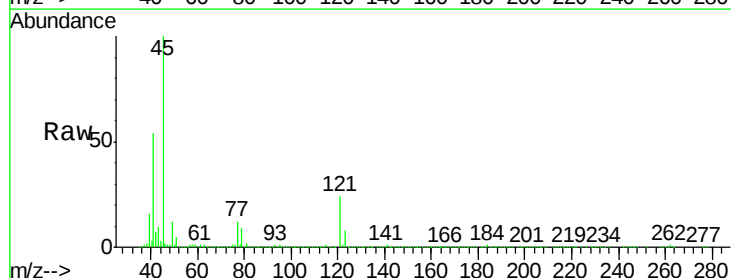
Tgt Ion: 45 Resp: 2807103

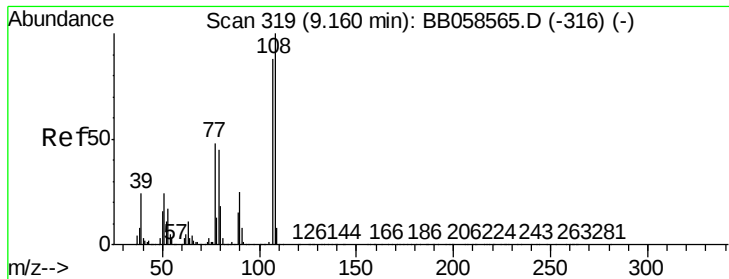
Ion Ratio Lower Upper

45 100

77 11.9 0.0 32.3

79 9.2 0.0 28.9





#17

2-Methylphenol

Concen: 60.76 ng

RT: 9.16 min Scan# 319

Delta R.T. -0.00 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Instrument :

BNA_B

ClientSampleId :

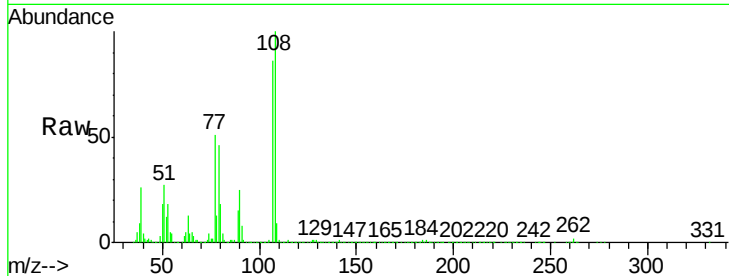
SSTDICC060

Tot Ion:	107	Resp:	1184254
Ion	Ratio	Lower	Upper
107	100		
108	116.3	92.0	138.0
77	59.3	44.9	67.3
79	53.5	40.5	60.7

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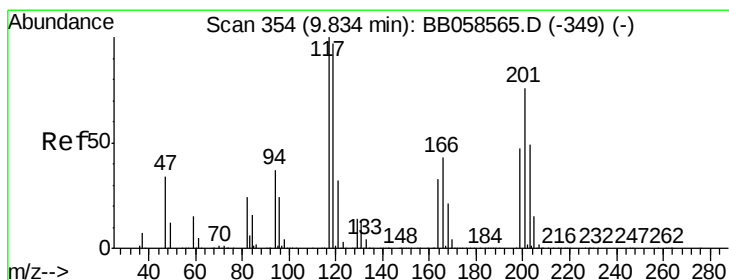
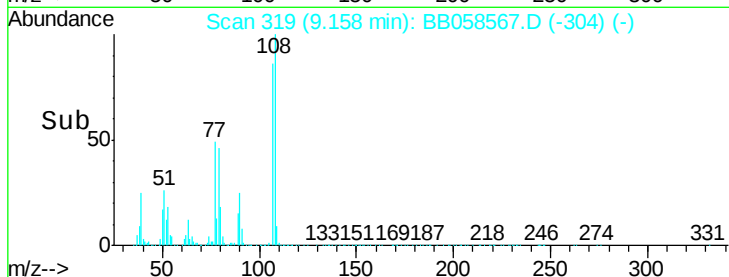
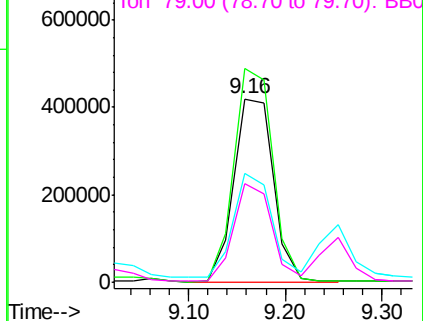


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BB0

Ion 79.00 (78.70 to 79.70): BB0



#18

Hexachloroethane

Concen: 62.05 ng

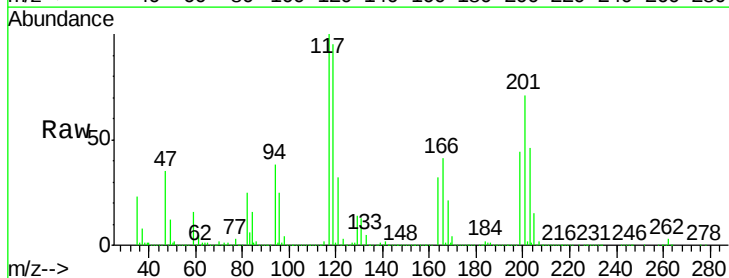
RT: 9.83 min Scan# 354

Delta R.T. -0.00 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

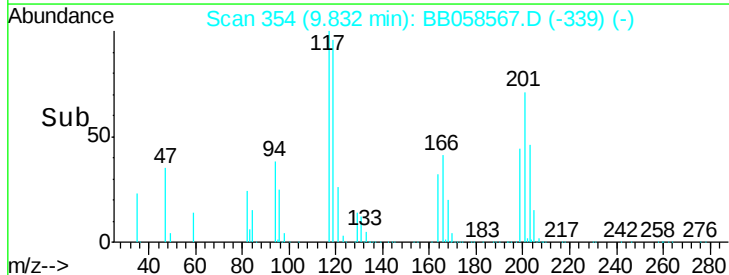
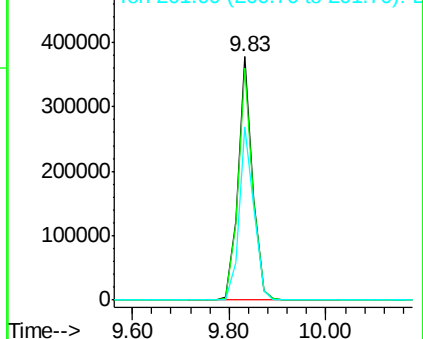
Tgt Ion:	117	Resp:	780852
Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.5	117.7
201	71.4	68.8	103.2

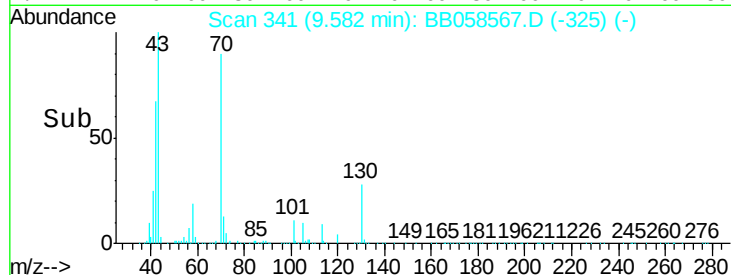
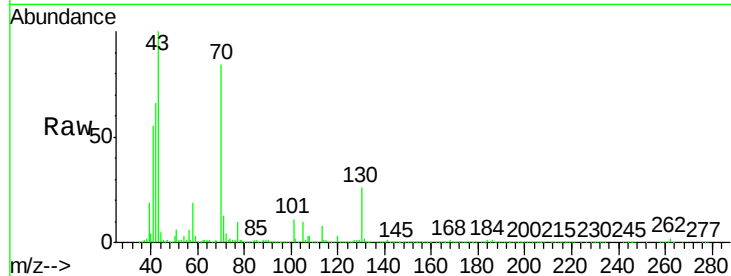
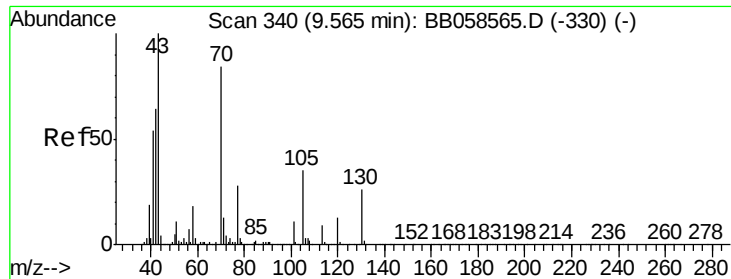


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





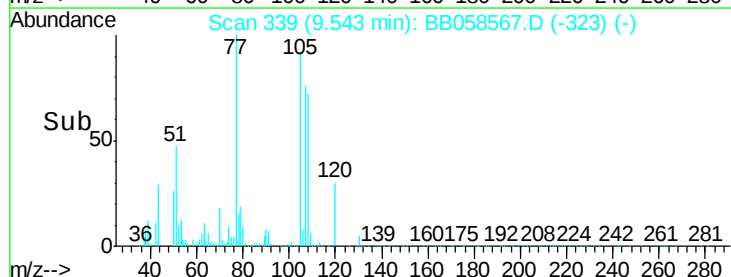
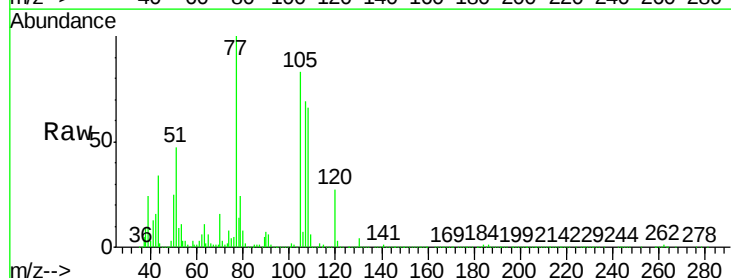
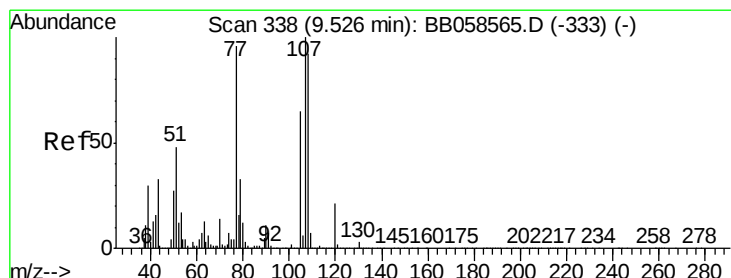
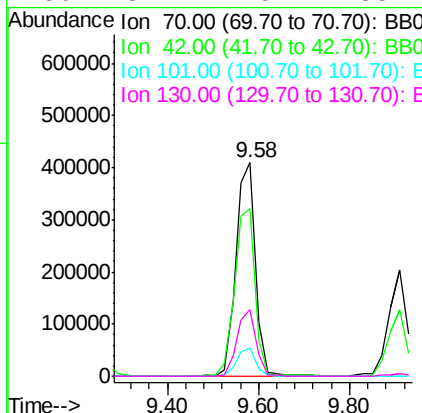
#19
n-Nitroso-di-n-propylamine
Concen: 60.81 ng
RT: 9.58 min Scan# 341
Delta R.T. 0.02 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Instrument :
BNA_B
ClientSampleId :
SSTDIC060

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	78.8	59.7	89.5	
101	13.0	10.7	16.1	
130	31.1	25.4	38.2	

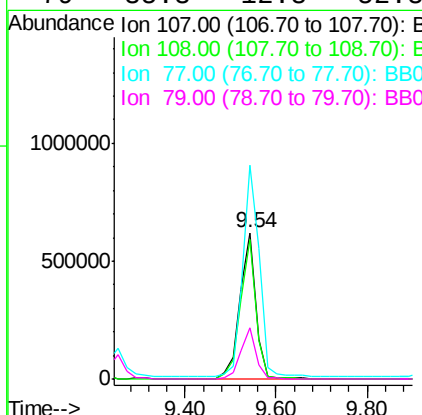
Manual Integrations
APPROVED

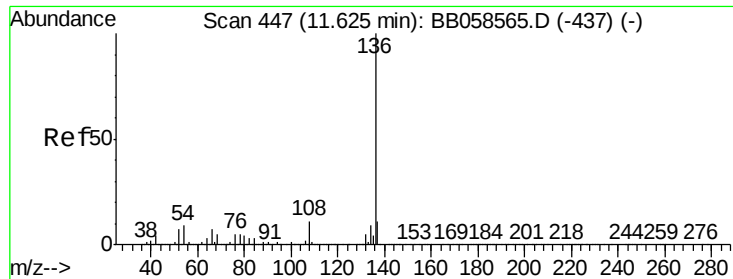
sohil
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#20
3+4-Methylphenols
Concen: 60.66 ng
RT: 9.54 min Scan# 339
Delta R.T. 0.02 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.6	70.4	110.4	
77	145.9	96.1	136.1#	
79	35.3	12.8	52.8	





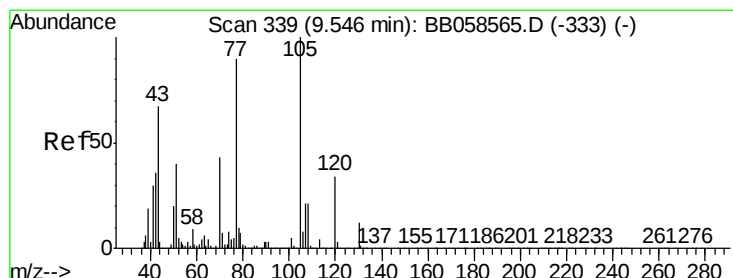
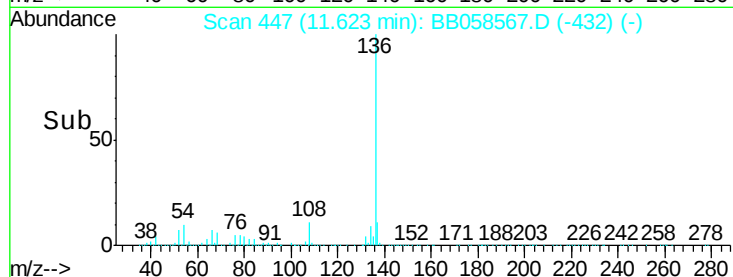
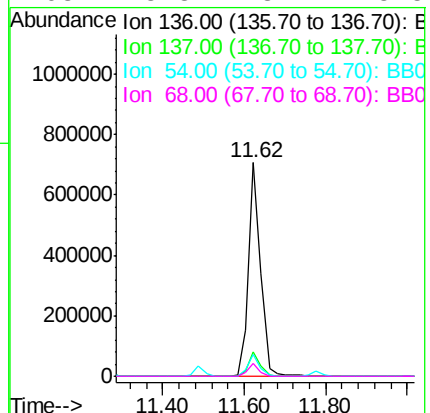
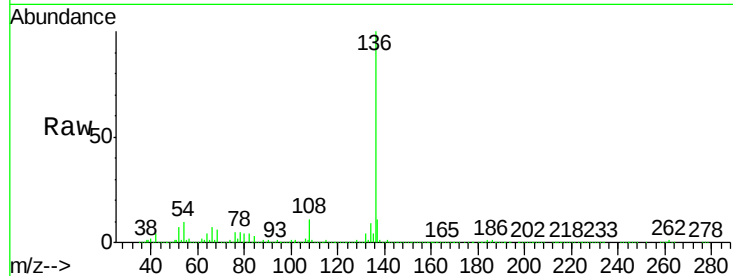
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.62 min Scan# 447
Delta R.T. -0.00 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Instrument :
BNA_B
ClientSampled :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	10.0	6.4	9.6#
68	5.8	3.7	5.5#

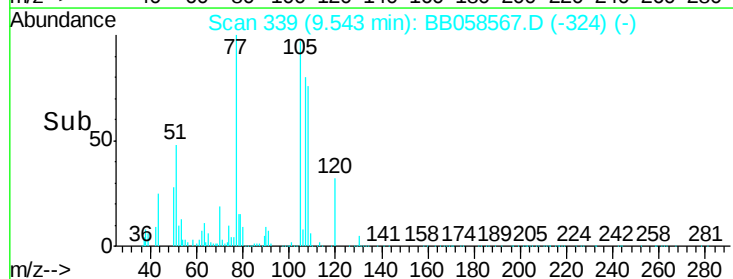
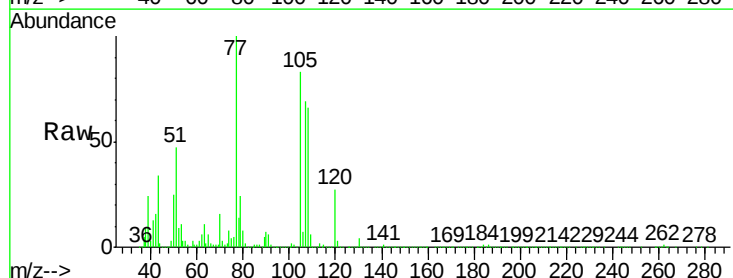
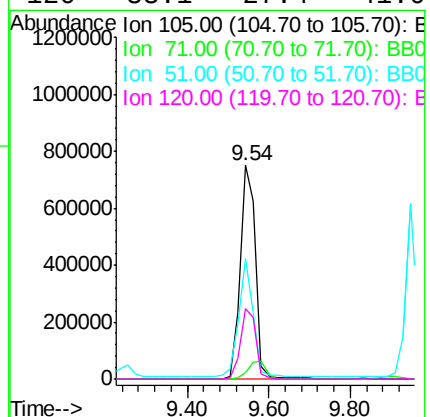
Manual Integrations
APPROVED

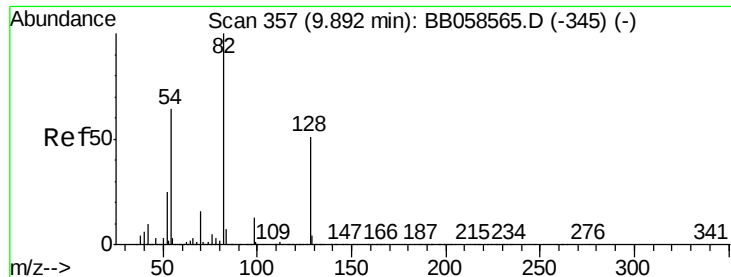
sohil
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#22
Acetophenone
Concen: 61.46 ng
RT: 9.54 min Scan# 339
Delta R.T. -0.00 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.1	3.6	5.4#
51	56.3	37.3	55.9#
120	33.1	27.4	41.0





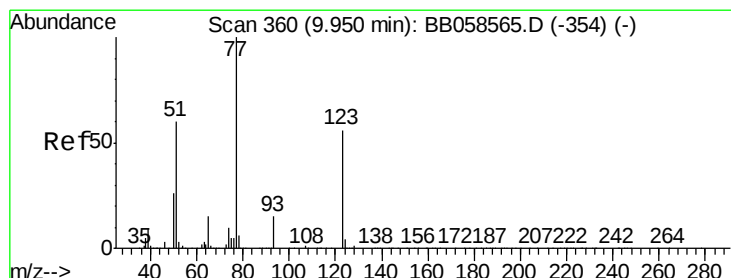
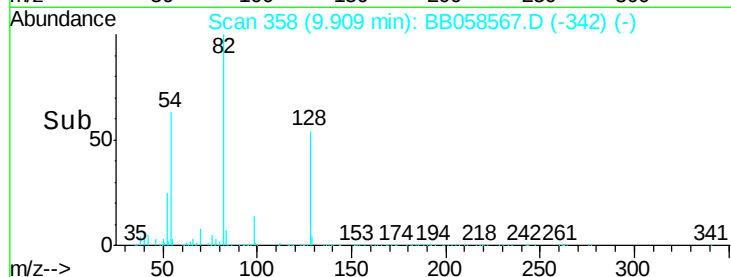
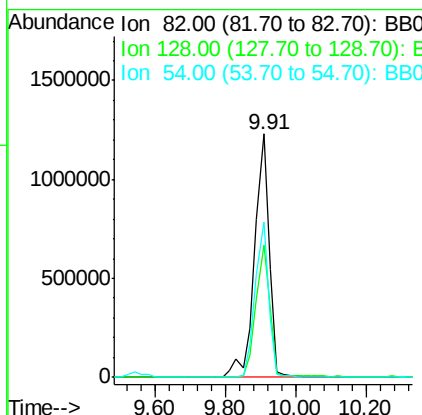
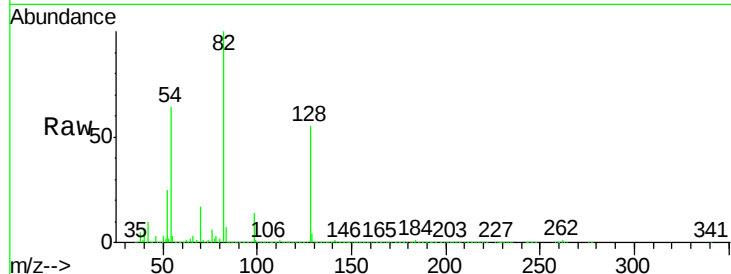
#23
 Nitrobenzene-d5
 Concen: 122.56 ng
 RT: 9.91 min Scan# 358
 Delta R.T. 0.02 min
 Lab File: BB058567.D
 Acq: 29 Sep 2016 21:19

Instrument :
 BNA_B
 ClientSampleId :
 SSTDICC060

Tot Ion	82	Resp	3550527
Ion Ratio	100	Lower	Upper
128	54.6	48.4	72.6
54	63.8	47.8	71.8

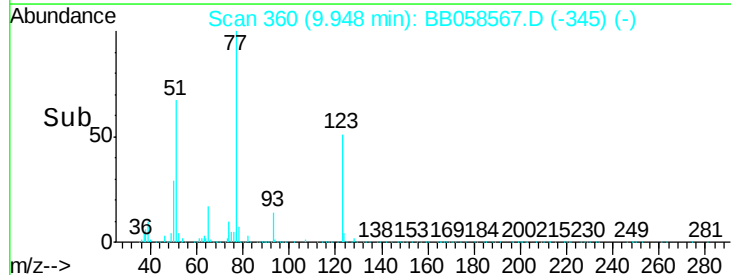
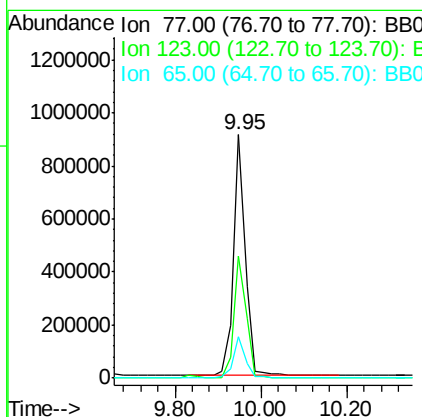
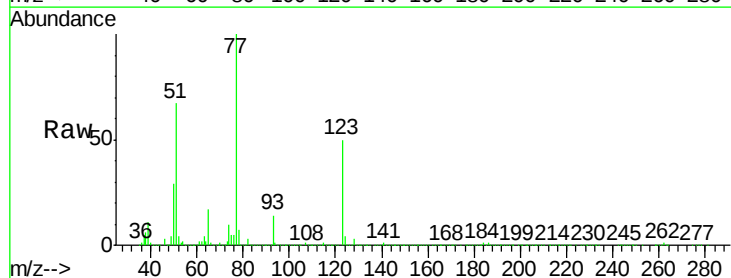
Manual Integrations
 APPROVED

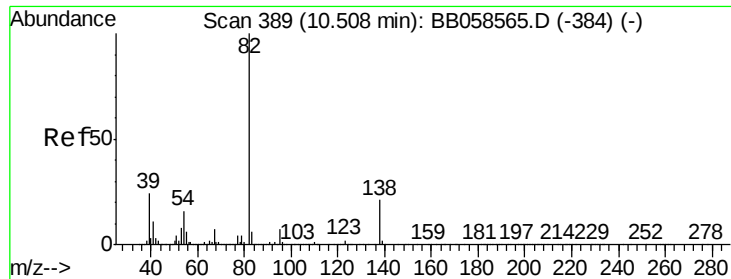
sohil
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#24
 Nitrobenzene
 Concen: 59.60 ng
 RT: 9.95 min Scan# 360
 Delta R.T. -0.00 min
 Lab File: BB058567.D
 Acq: 29 Sep 2016 21:19

Tgt Ion	77	Resp	1727190
Ion Ratio	100	Lower	Upper
123	50.0	46.2	69.2
65	16.8	13.3	19.9





#25

Isophorone

Concen: 61.15 ng

RT: 10.53 min Scan# 390

Delta R.T. 0.02 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Instrument :

BNA_B

ClientSampled :

SSTDICC060

Tot Ion: 82 Resp: 3436605

Ion Ratio Lower Upper

82 100

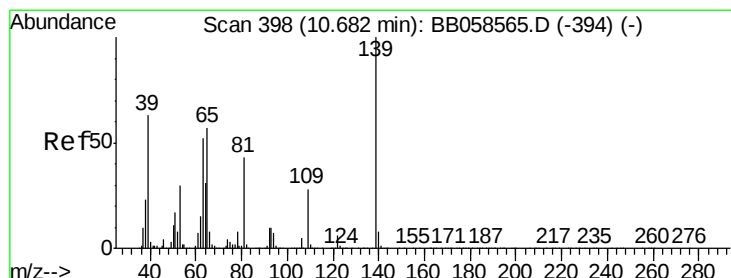
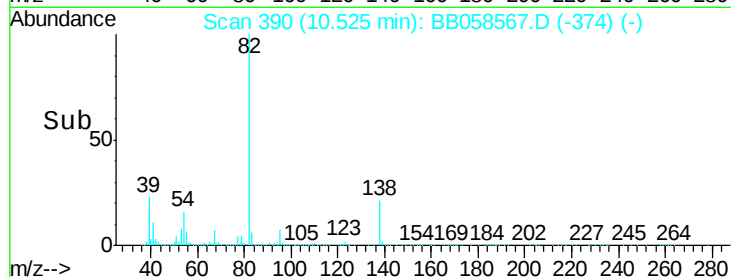
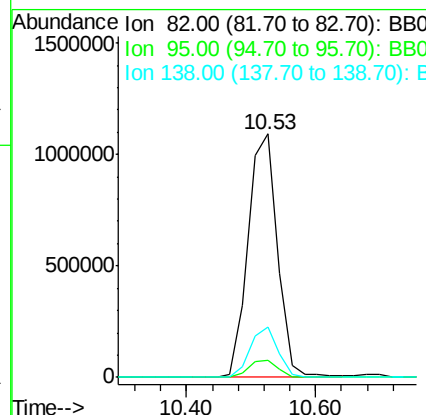
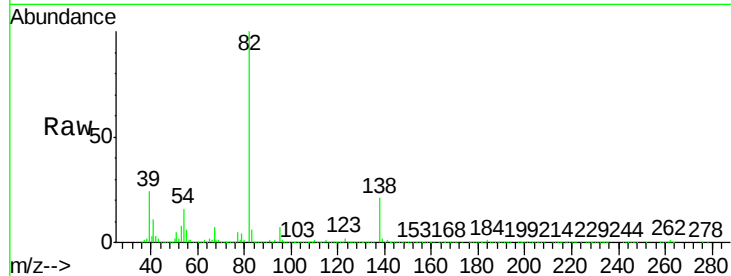
95 7.2 5.9 8.9

138 20.5 17.0 25.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 60.48 ng

RT: 10.70 min Scan# 399

Delta R.T. 0.02 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

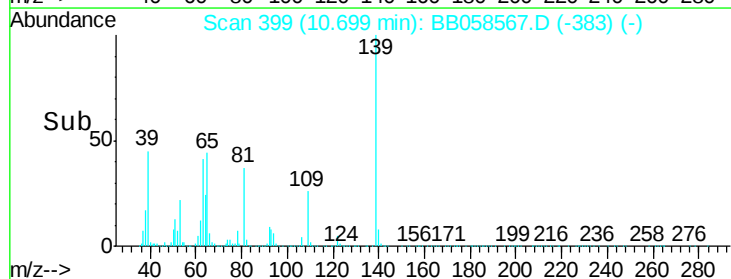
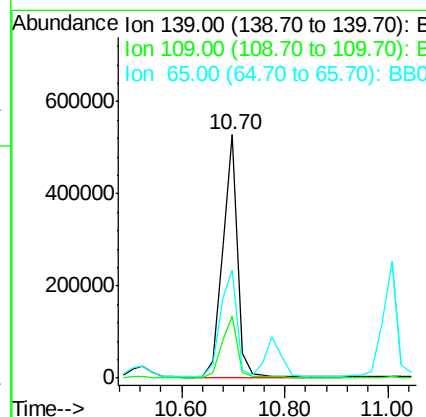
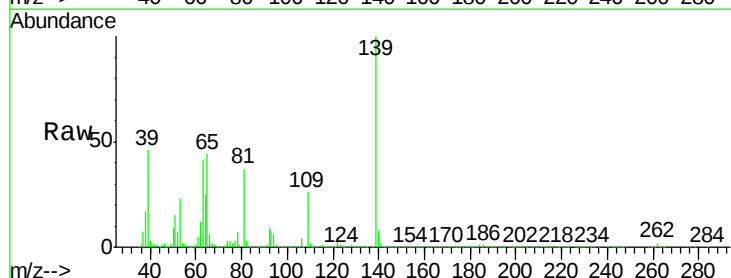
Tgt Ion: 139 Resp: 1070353

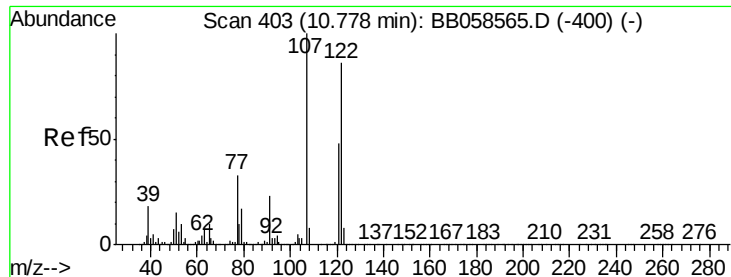
Ion Ratio Lower Upper

139 100

109 25.5 22.0 33.0

65 44.3 42.4 63.6





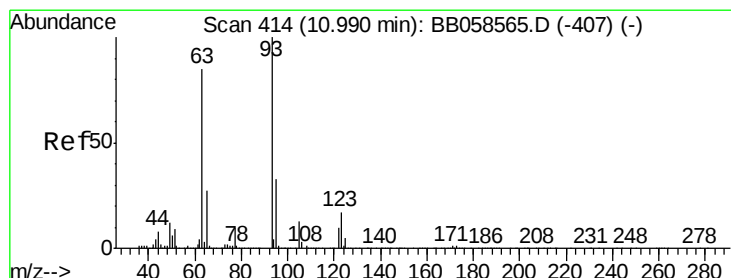
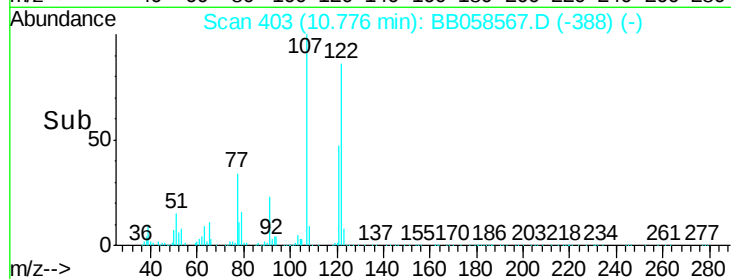
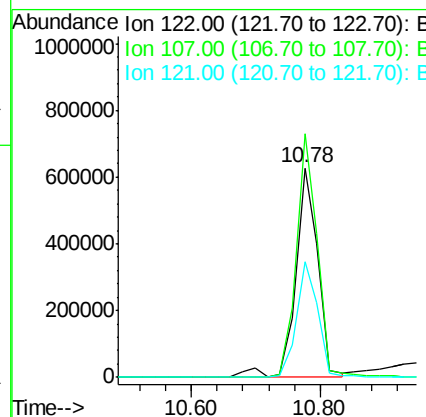
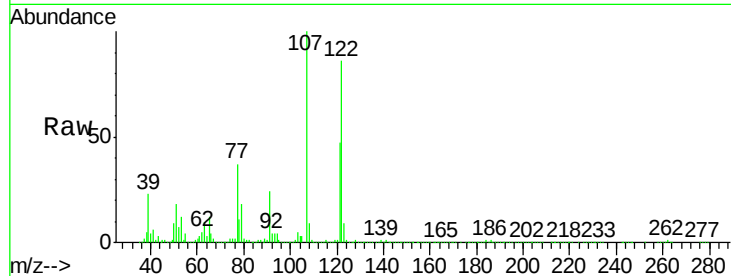
#27
2,4-Dimethylphenol
Concen: 60.79 ng
RT: 10.78 min Scan# 403
Delta R.T. -0.00 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Instrument :
BNA_B
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.5	90.0	135.0
121	55.1	45.1	67.7

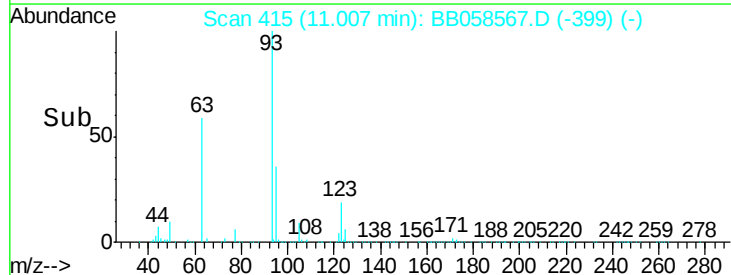
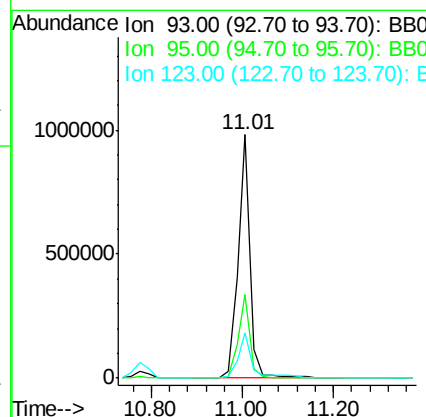
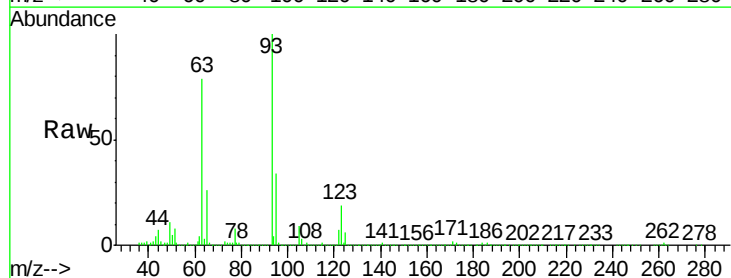
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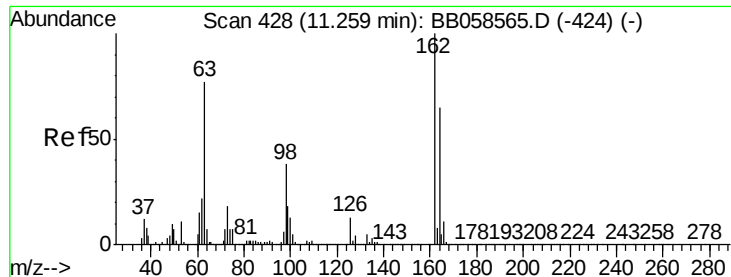
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#28
bis(2-Chloroethoxy)methane
Concen: 61.12 ng
RT: 11.01 min Scan# 415
Delta R.T. 0.02 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	27.0	40.6
123	18.5	13.9	20.9





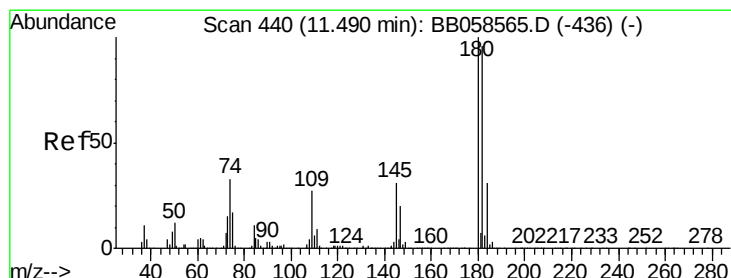
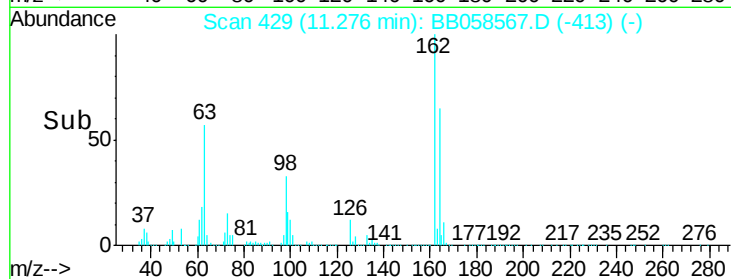
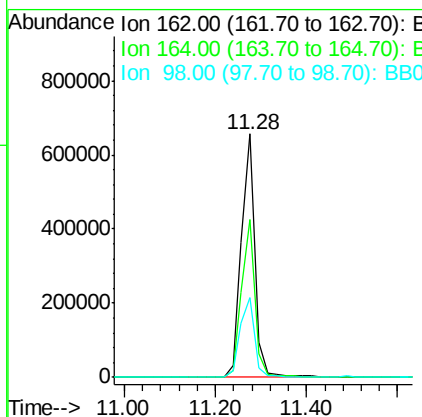
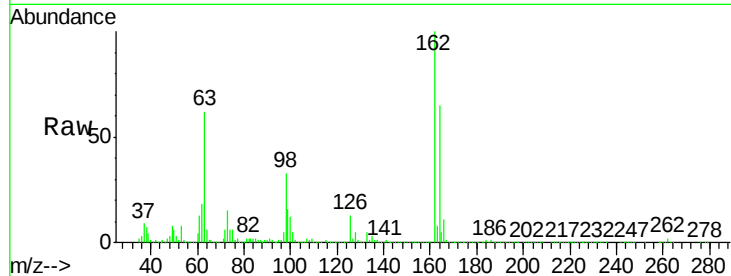
#29
2,4-Dichlorophenol
Concen: 59.91 ng
RT: 11.28 min Scan# 429
Delta R.T. 0.02 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Instrument :
BNA_B
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.2	84.2
98	32.8	16.4	56.4

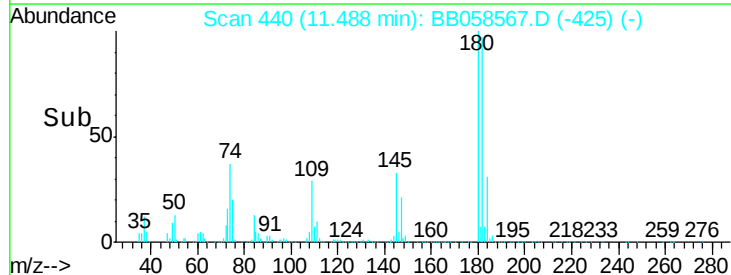
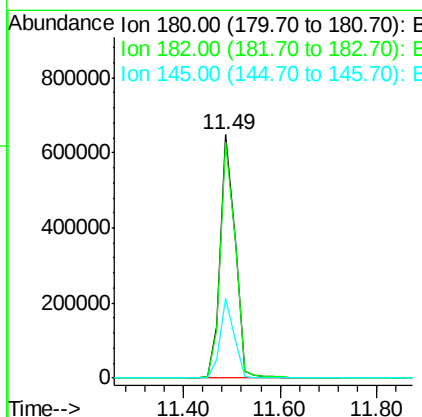
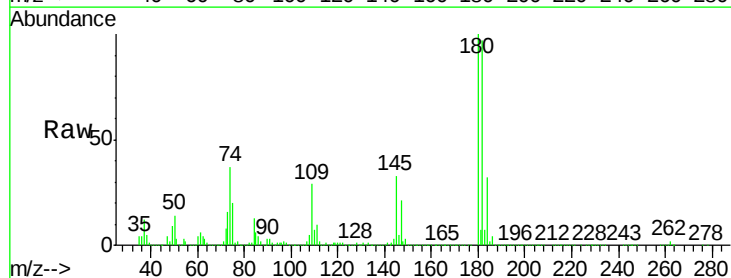
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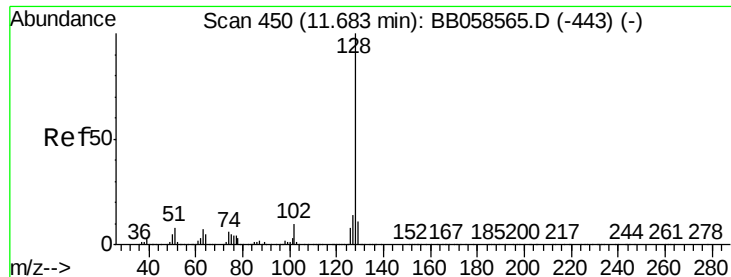
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#30
1,2,4-Trichlorobenzene
Concen: 59.03 ng
RT: 11.49 min Scan# 440
Delta R.T. -0.00 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.4	116.2
145	32.7	24.0	36.0





#31

Naphthalene

Concen: 56.95 ng

RT: 11.68 min Scan# 450

Delta R.T. -0.00 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Instrument :

BNA_B

ClientSampled :

SSTDICC060

Tot Ion:128 Resp: 3943628

Ion Ratio Lower Upper

128 100

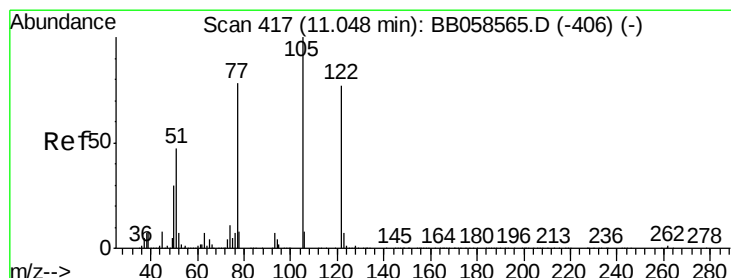
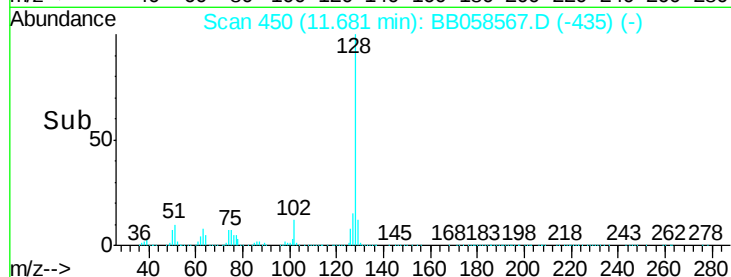
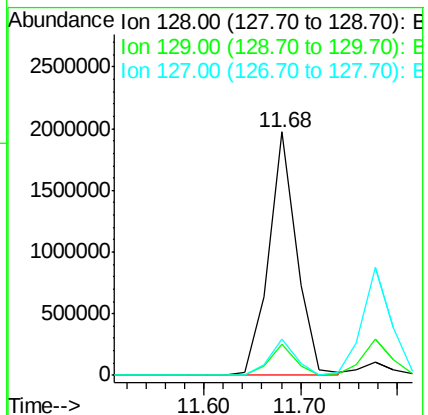
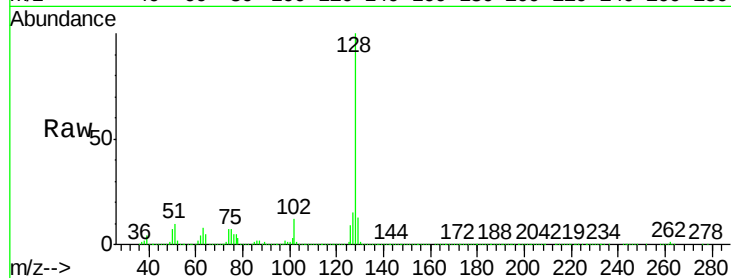
129 12.6 10.3 15.5

127 14.9 12.5 18.7

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#32

Benzoic acid

Concen: 67.87 ng

RT: 11.10 min Scan# 420

Delta R.T. 0.06 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

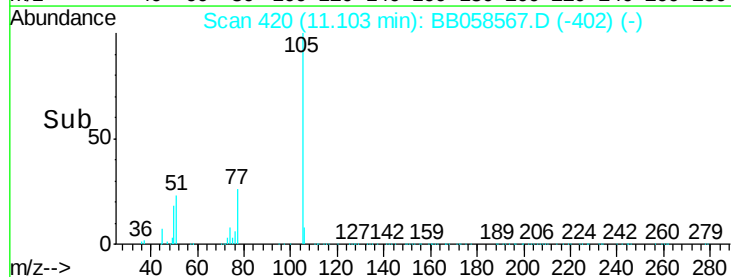
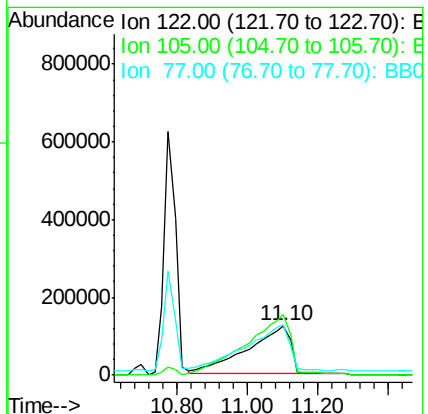
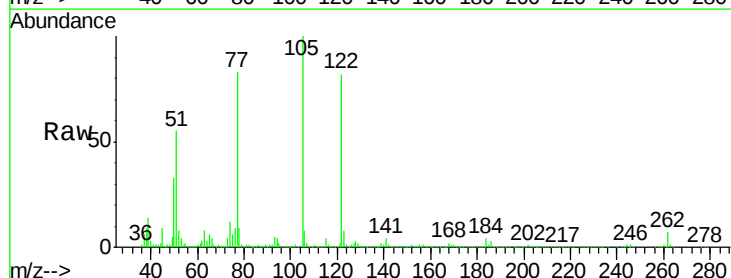
Tgt Ion:122 Resp: 1069646

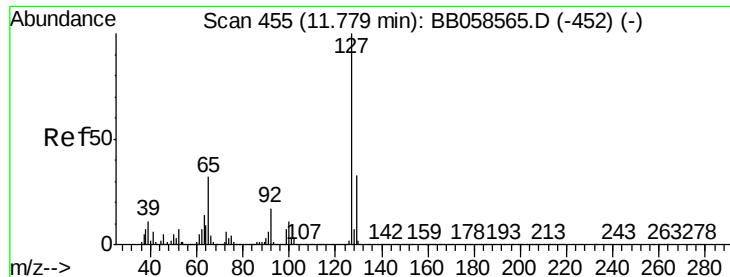
Ion Ratio Lower Upper

122 100

105 122.5 102.6 142.6

77 102.1 86.7 126.7





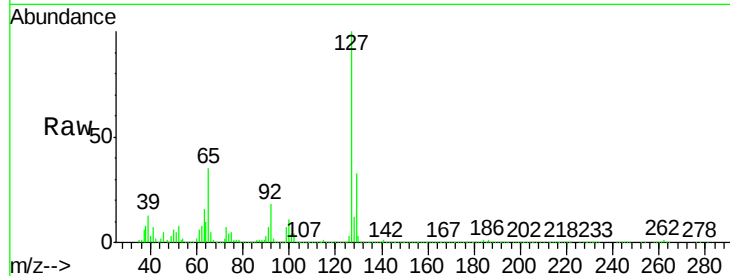
#33
4-Chloroaniline
Concen: 59.86 ng
RT: 11.78 min Scan# 455
Delta R.T. -0.00 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Instrument :
BNA_B
ClientSampleId :
SSTDICC060

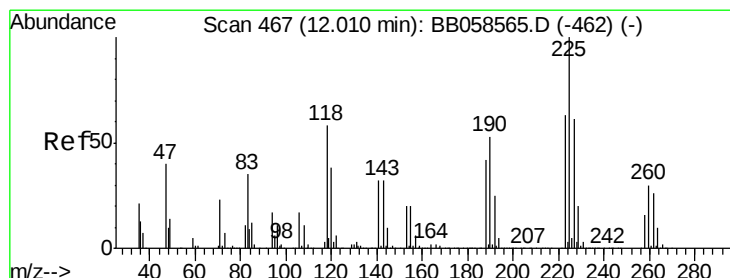
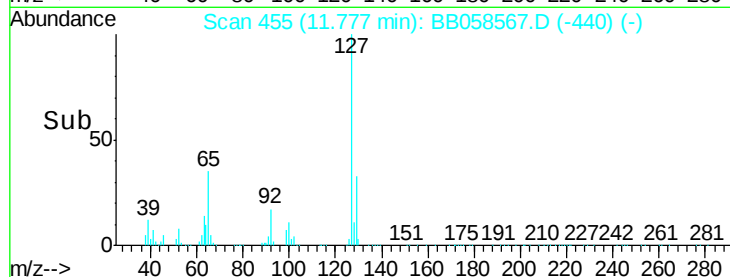
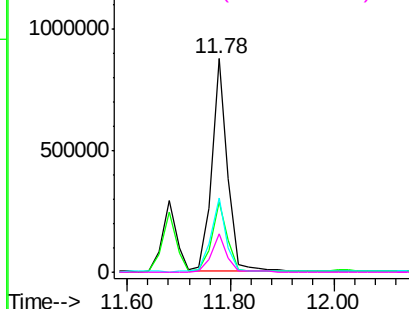
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		1851670		
129	33.2	27.1	40.7		
65	35.0	25.4	38.0		
92	18.2	13.7	20.5		

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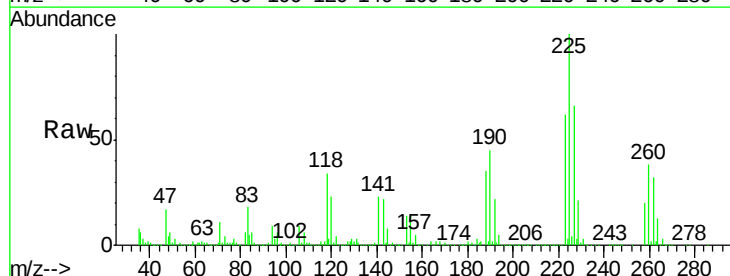


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BB0
Ion 92.00 (91.70 to 92.70): BB0

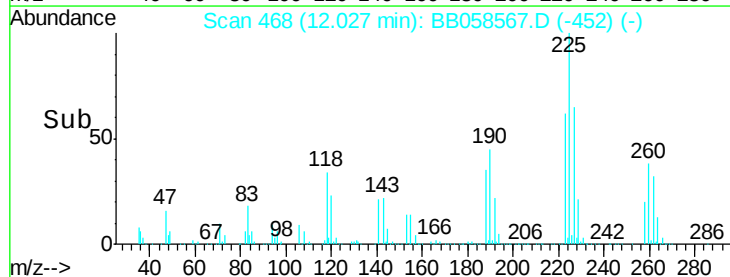
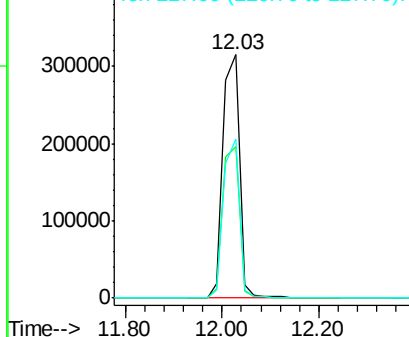


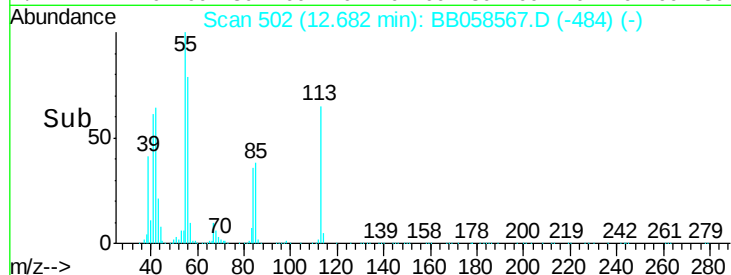
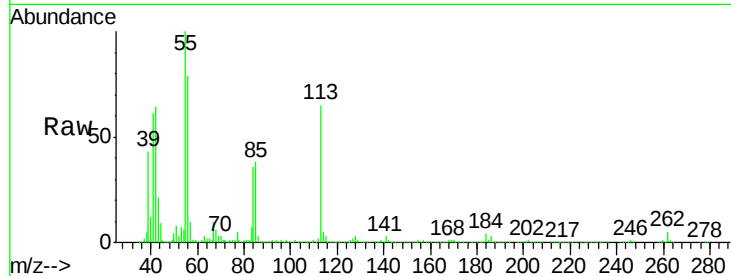
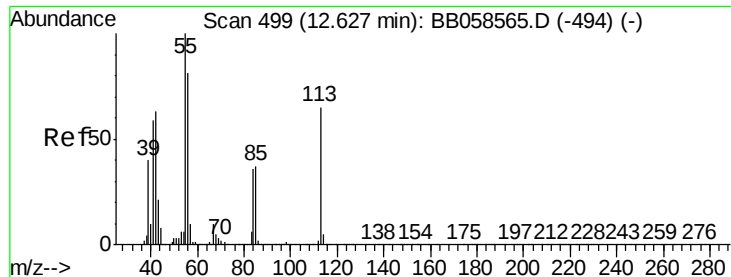
#34
Hexachlorobutadiene
Concen: 61.67 ng
RT: 12.03 min Scan# 468
Delta R.T. 0.02 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		747098		
223	62.3	50.8	76.2		
227	65.5	51.0	76.4		



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





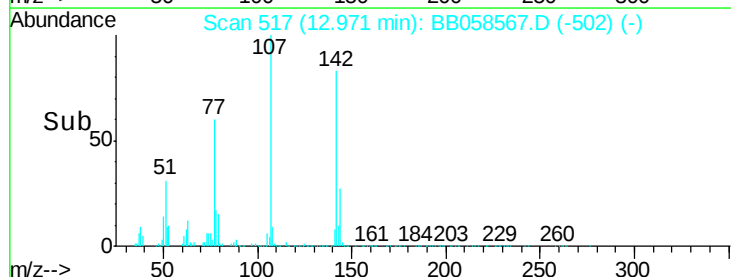
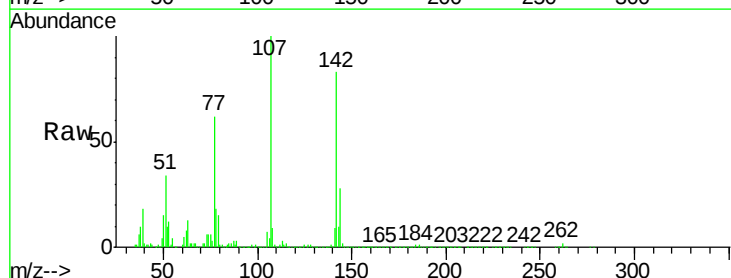
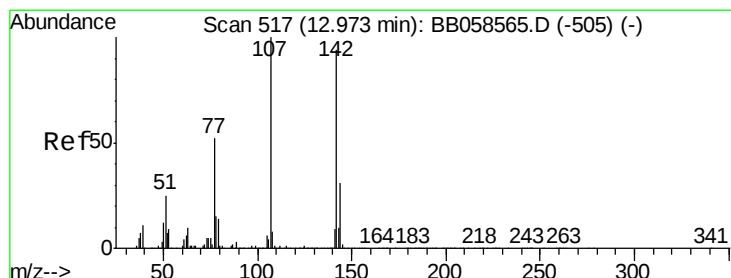
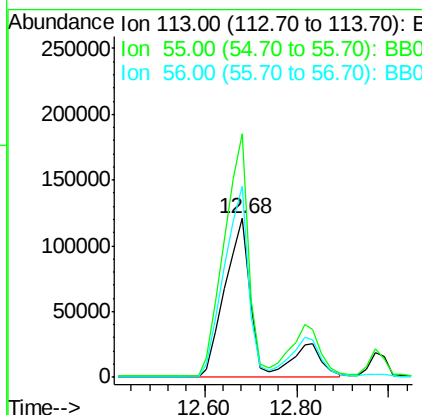
#35
Caprolactam
Concen: 65.75 ng/ml
RT: 12.68 min Scan# 502
Delta R.T. 0.06 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.6	109.4	149.4
56	120.8	84.1	124.1

Instrument :
BNA_B
ClientSampleID :
SSTDIC060

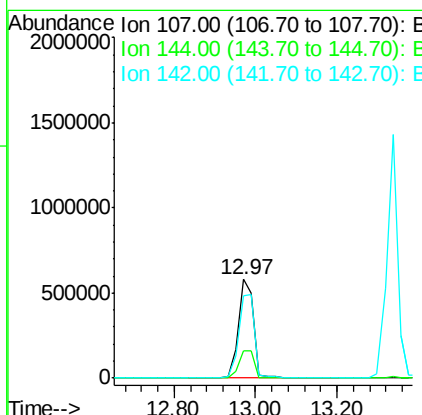
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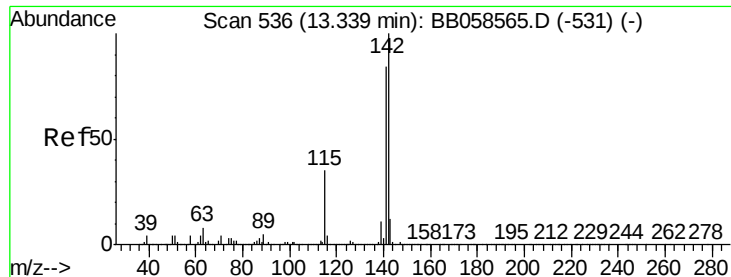
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#36
4-Chloro-3-methylphenol
Concen: 62.13 ng/ml
RT: 12.97 min Scan# 517
Delta R.T. -0.00 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	23.9	35.9
142	83.0	70.5	105.7





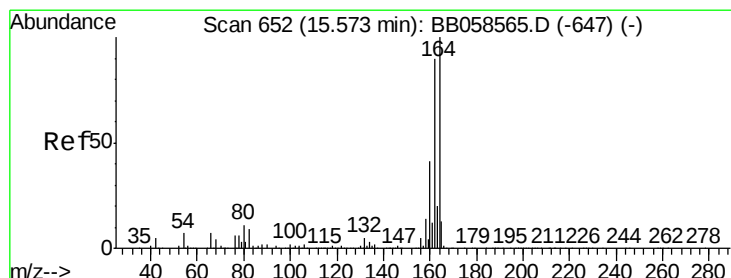
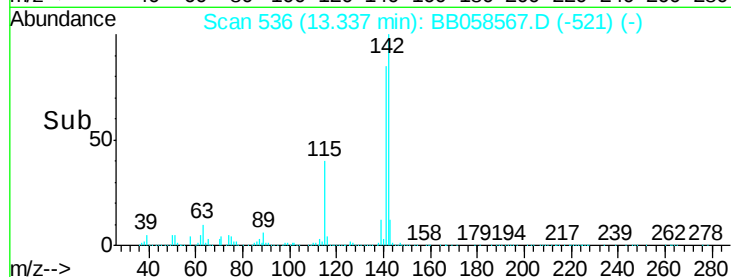
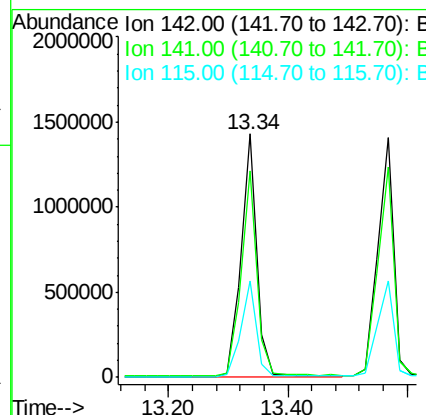
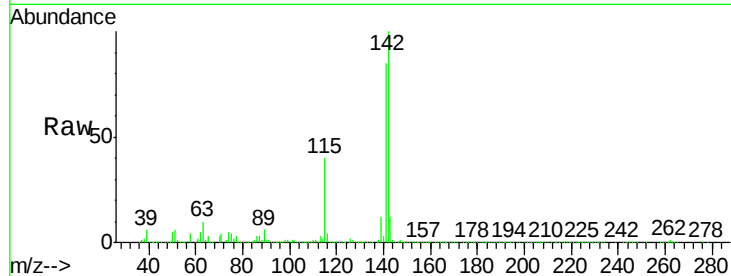
#37
2-Methylnaphthalene
Concen: 59.14 ng
RT: 13.34 min Scan# 536
Delta R.T. -0.00 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Instrument :
BNA_B
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.0	67.5	101.3
115	39.8	28.9	43.3

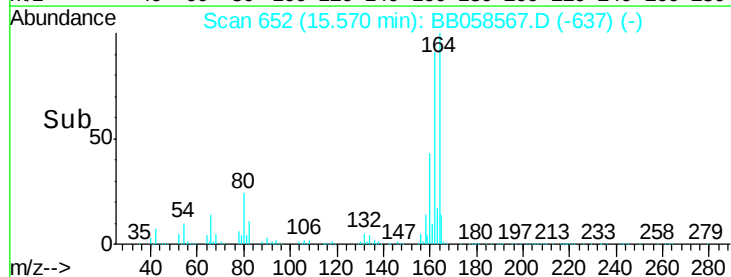
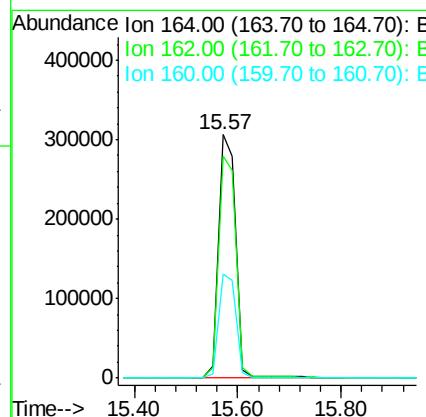
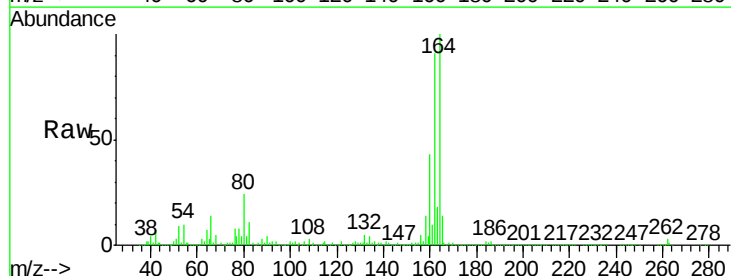
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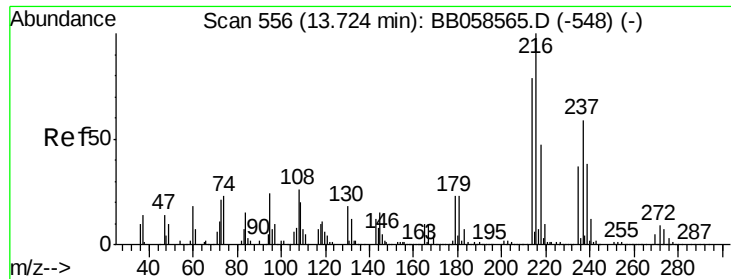
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.57 min Scan# 652
Delta R.T. -0.00 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	91.0	71.2	106.8
160	42.7	32.8	49.2





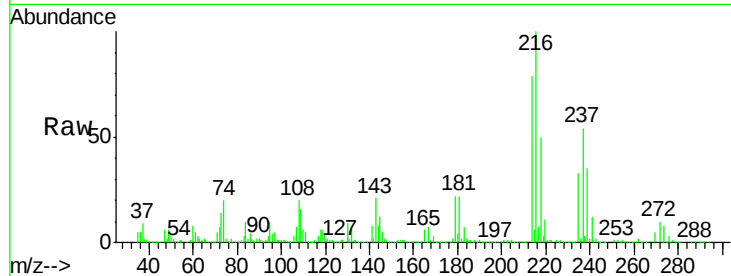
#39
1,2,4,5-Tetrachlorobenzene
Concen: 72.99 ng
RT: 13.74 min Scan# 557
Delta R.T. 0.02 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Instrument :
BNA_B
ClientSampleId :
SSTDIC060

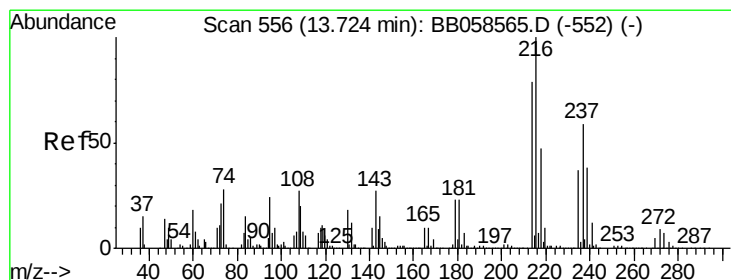
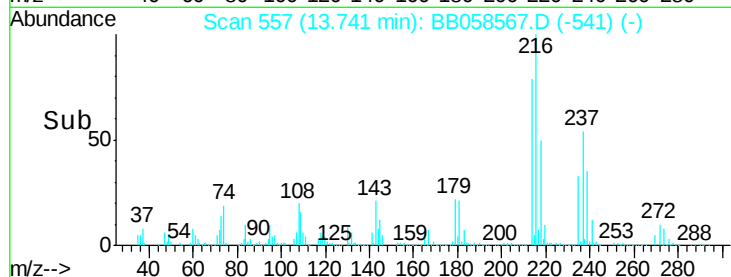
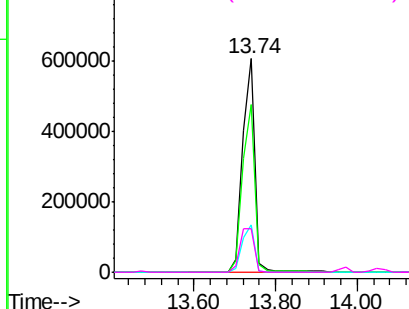
Tot Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.5	95.3
179	23.1	18.1	27.1
108	24.7	19.7	29.5

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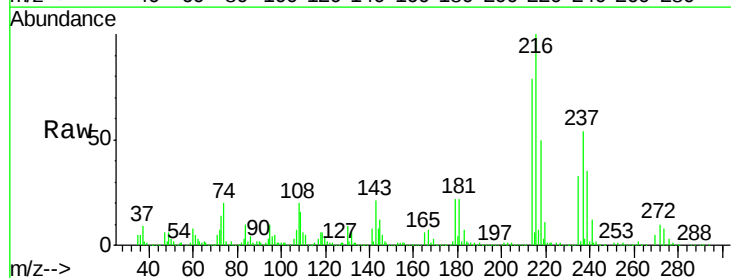


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

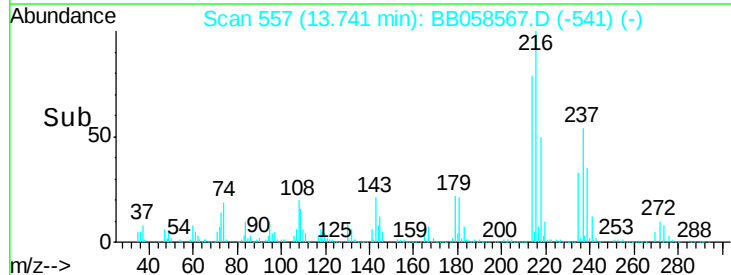
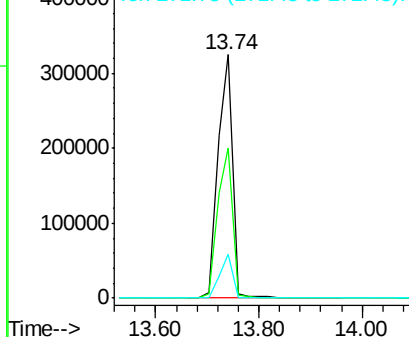


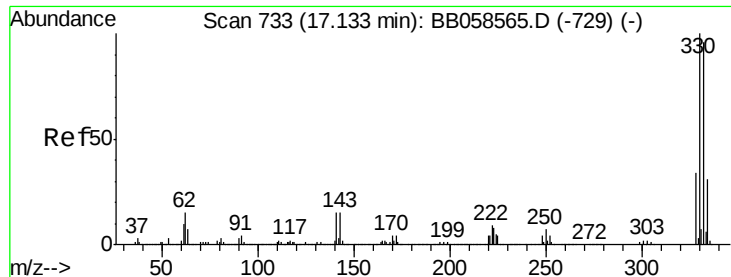
#40
Hexachlorocyclopentadiene
Concen: 68.84 ng
RT: 13.74 min Scan# 557
Delta R.T. 0.02 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.5	43.9	83.9
272	18.3	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





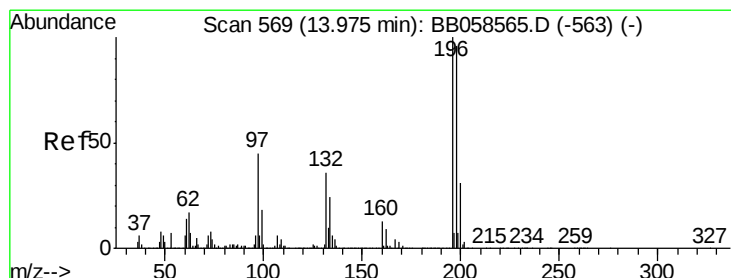
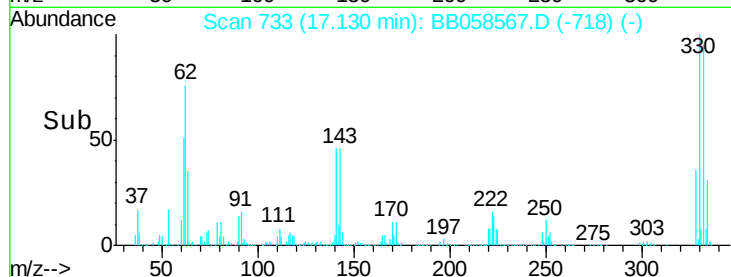
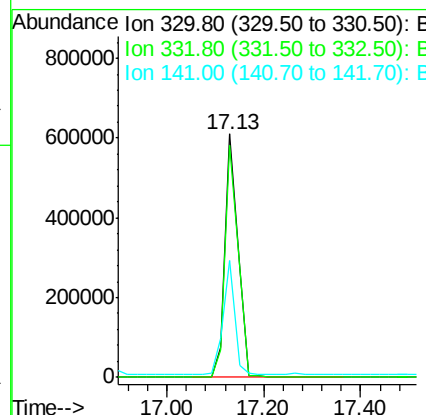
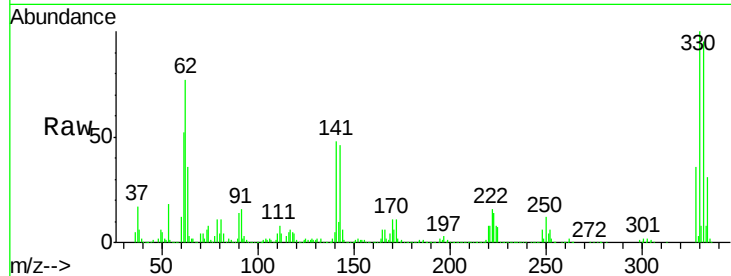
#41
 2,4,6-Tribromophenol
 Concen: 141.72 ng
 RT: 17.13 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BB058567.D
 Acq: 29 Sep 2016 21:19

Instrument :
 BNA_B
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	41.1	32.5	48.7

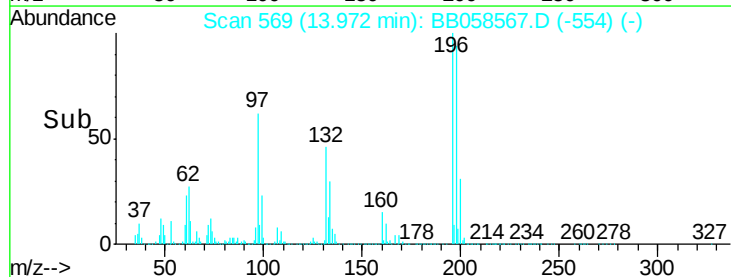
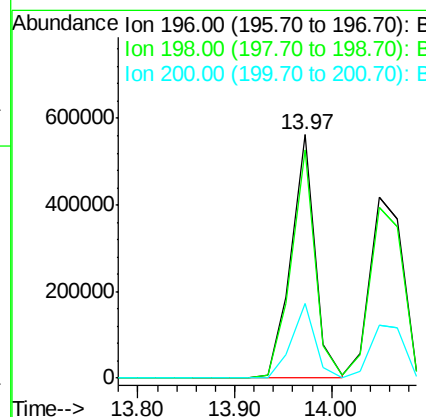
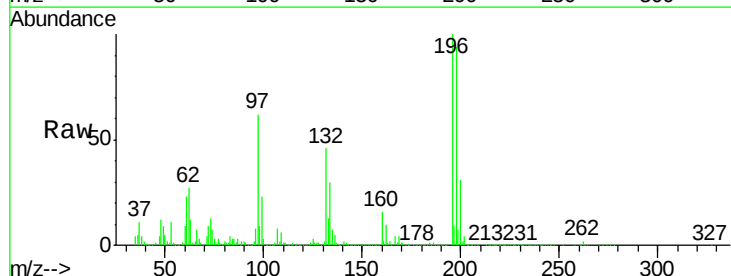
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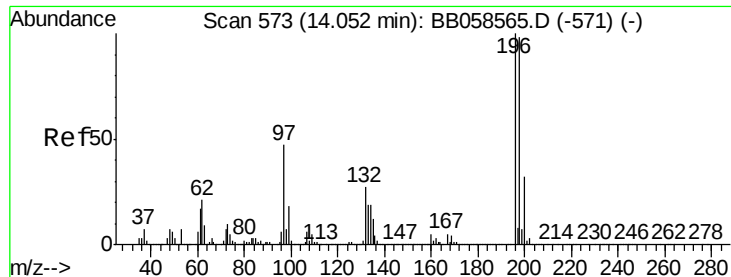
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#42
 2,4,6-Trichlorophenol
 Concen: 69.28 ng
 RT: 13.97 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BB058567.D
 Acq: 29 Sep 2016 21:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	78.6	118.0
200	30.9	25.9	38.9





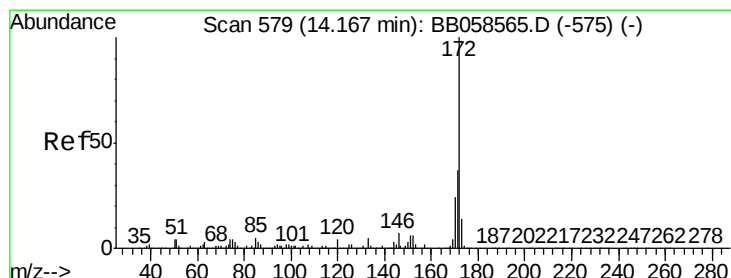
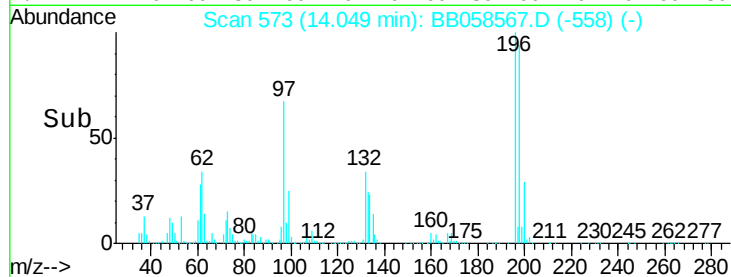
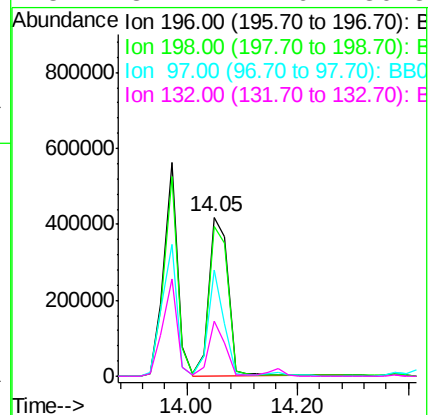
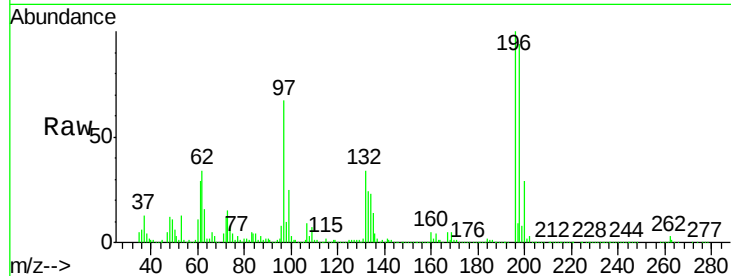
#43
2,4,5-Trichlorophenol
Concen: 72.24 ng
RT: 14.05 min Scan# 573
Delta R.T. -0.00 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Instrument :
BNA_B
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.0	114.0
97	67.3	44.6	66.8#
132	34.4	24.6	36.8

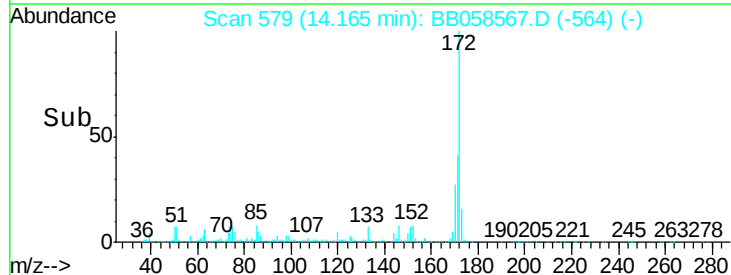
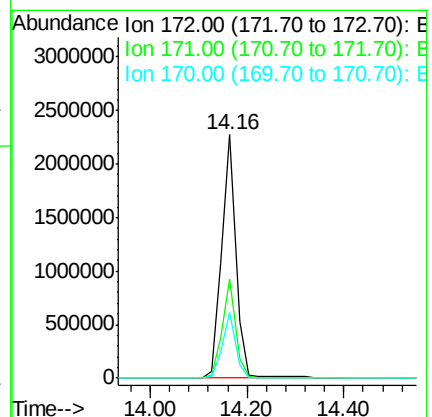
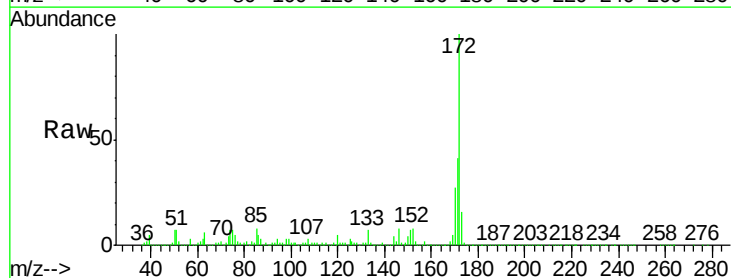
Manual Integrations
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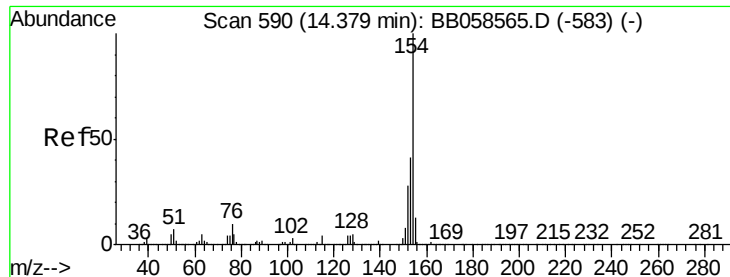
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#44
2-Fluorobiphenyl
Concen: 122.92 ng
RT: 14.16 min Scan# 579
Delta R.T. -0.00 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.6	33.2	49.8
170	27.0	21.8	32.8





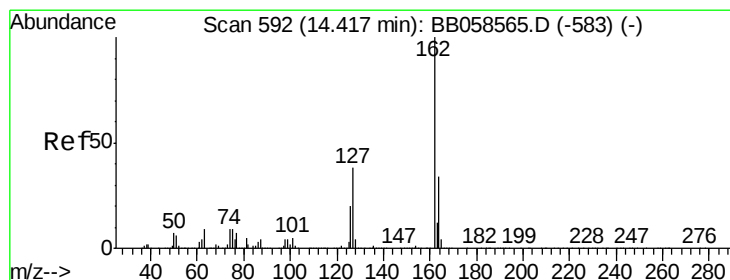
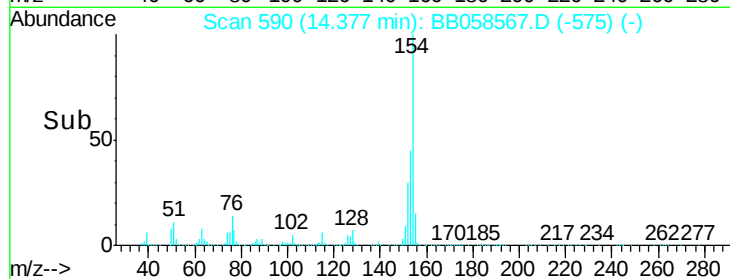
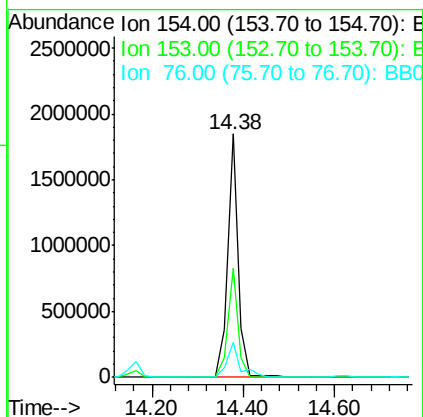
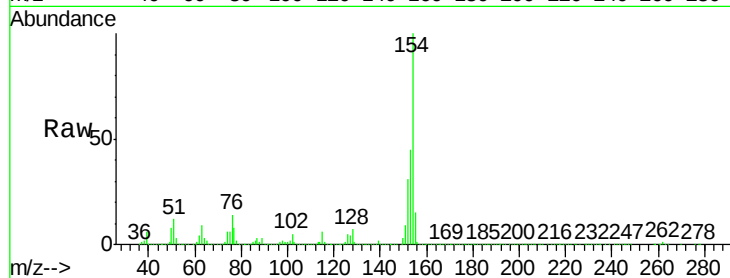
#45
 1,1'-Biphenyl
 Concen: 61.43 ng
 RT: 14.38 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BB058567.D
 Acq: 29 Sep 2016 21:19

Instrument :
 BNA_B
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
154	100		
153	44.8	25.6	65.6
76	14.1	0.0	31.4

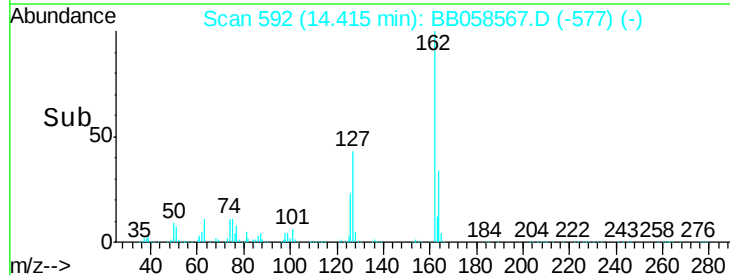
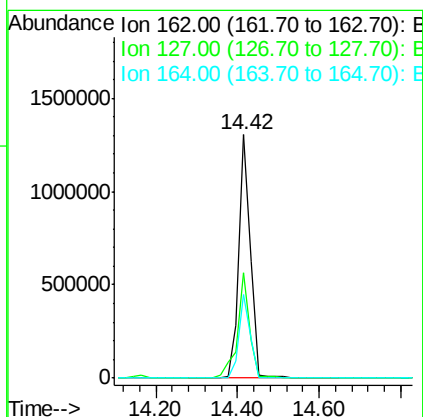
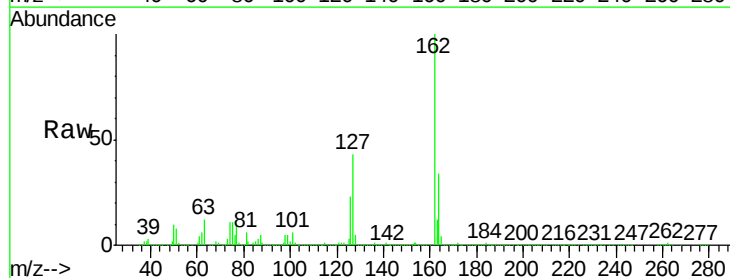
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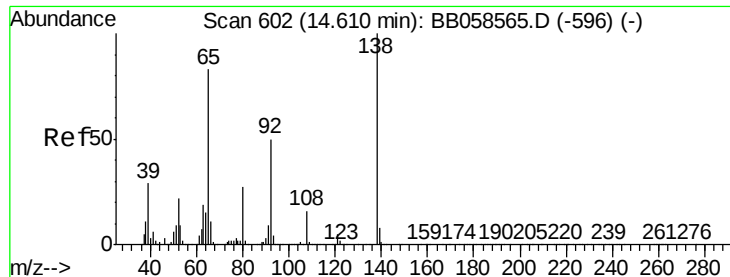
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#46
 2-Chloronaphthalene
 Concen: 69.54 ng
 RT: 14.42 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BB058567.D
 Acq: 29 Sep 2016 21:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.5	32.7	49.1
164	34.1	28.1	42.1





#47

2-Nitroaniline

Concen: 73.15 ng

RT: 14.61 min Scan# 602

Delta R.T. -0.00 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Instrument :

BNA_B

ClientSampleId :

SSTDICC060

Tot Ion: 65 Resp: 1083629

Ion Ratio Lower Upper

65 100

92 57.2 47.4 71.2

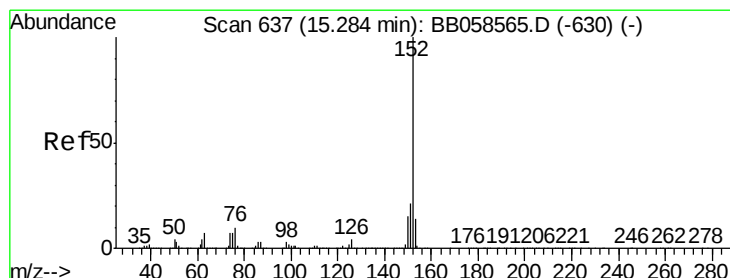
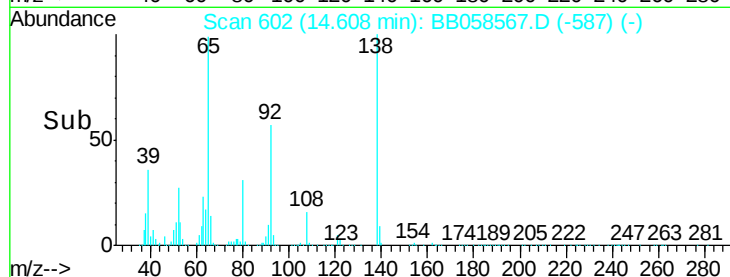
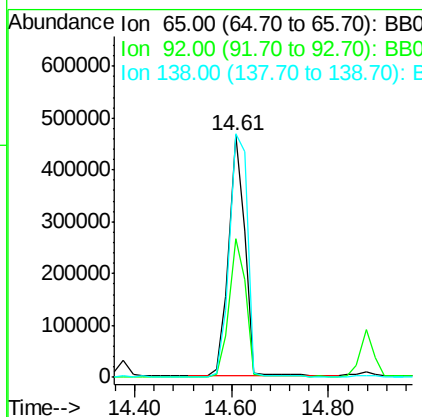
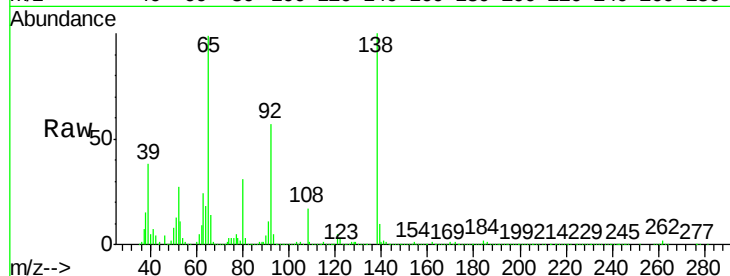
138 100.6 93.2 139.8

Manual Integrations

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#48

Acenaphthylene

Concen: 69.88 ng

RT: 15.30 min Scan# 638

Delta R.T. 0.02 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

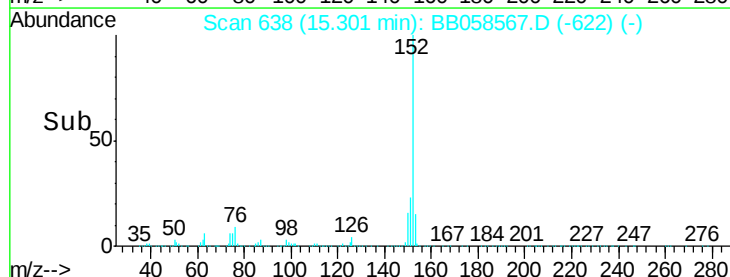
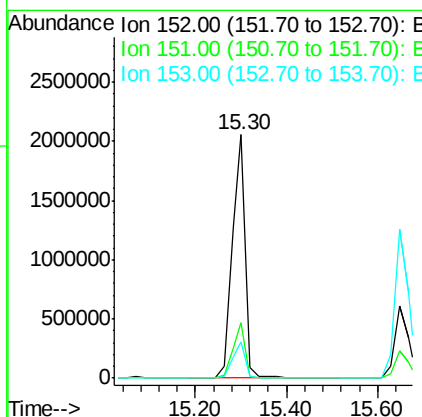
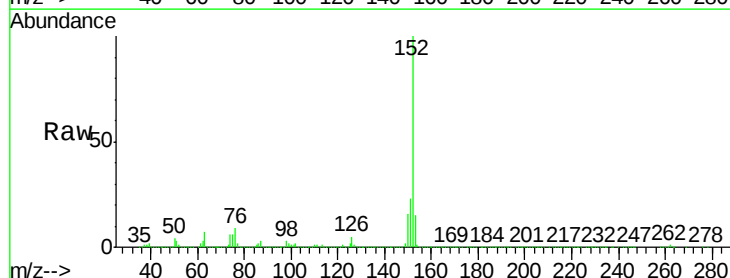
Tgt Ion: 152 Resp: 4155190

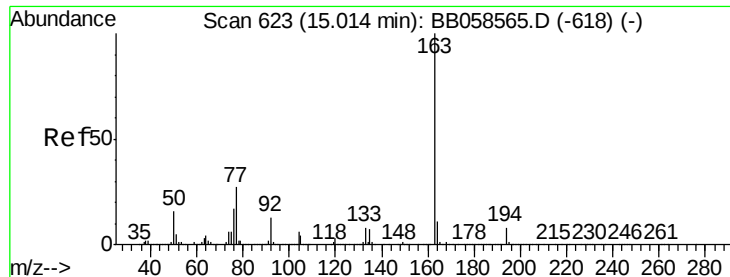
Ion Ratio Lower Upper

152 100

151 22.9 18.3 27.5

153 15.1 12.7 19.1





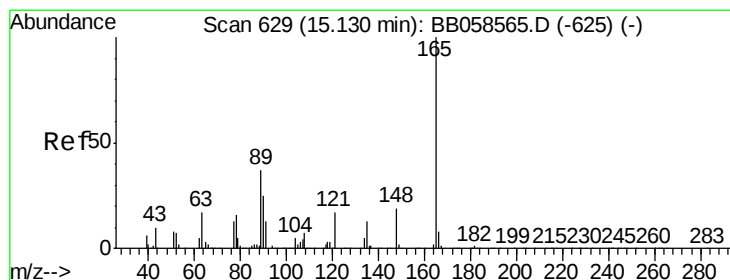
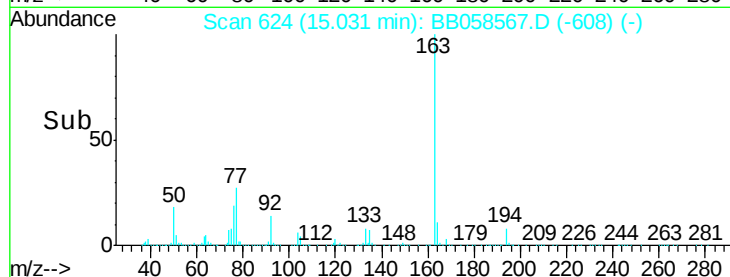
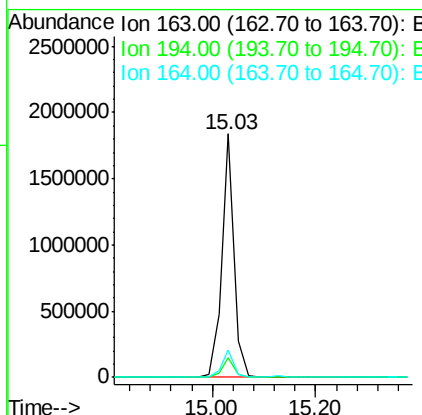
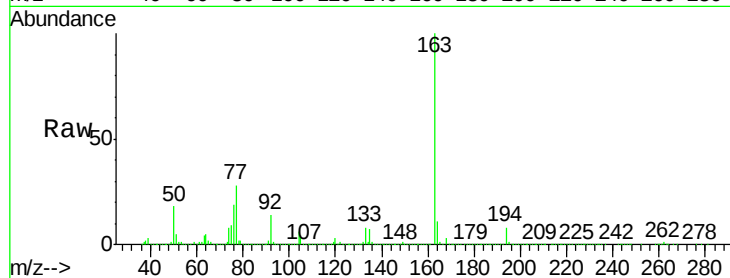
#49
Dimethylphthalate
Concen: 64.70 ng
RT: 15.03 min Scan# 624
Delta R.T. 0.02 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Instrument :
BNA_B
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
163	100		
194	8.3	7.5	11.3
164	11.3	8.4	12.6

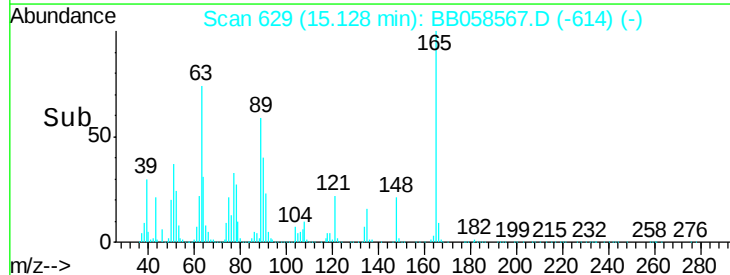
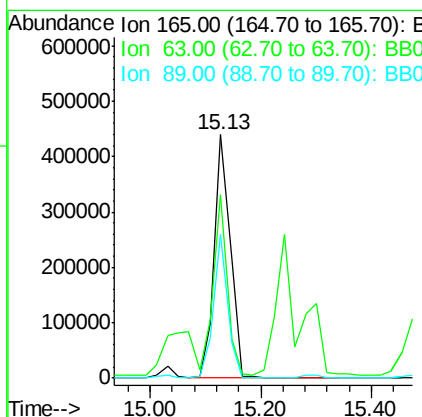
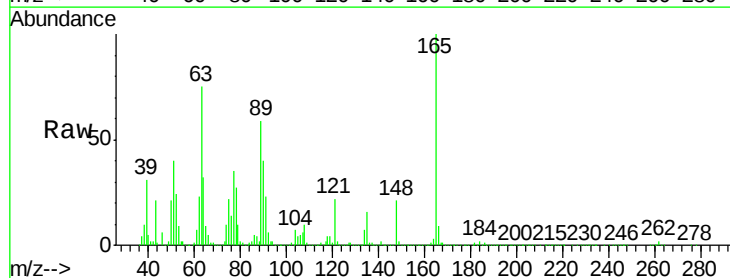
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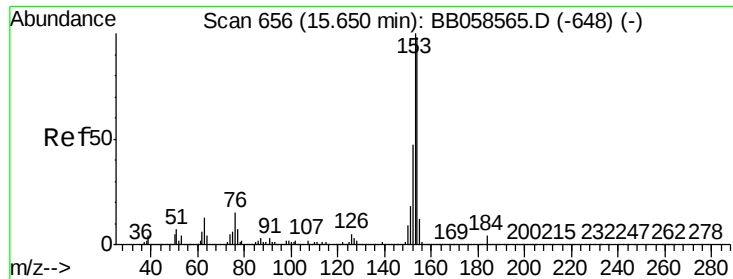
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#50
2,6-Dinitrotoluene
Concen: 64.55 ng
RT: 15.13 min Scan# 629
Delta R.T. -0.00 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	75.2	42.7	64.1#
89	58.9	36.7	55.1#





#51

Acenaphthene

Concen: 68.98 ng

RT: 15.65 min Scan# 656

Delta R.T. -0.00 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Instrument :

BNA_B

ClientSampled :

SSTDICC060

Tot Ion:154 Resp: 2749917

Ion Ratio Lower Upper

154 100

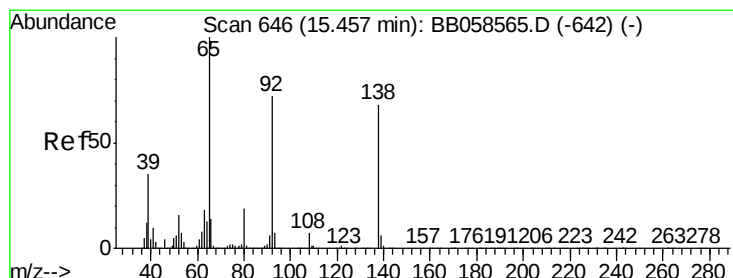
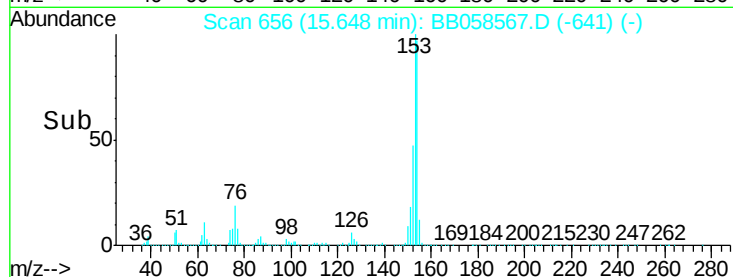
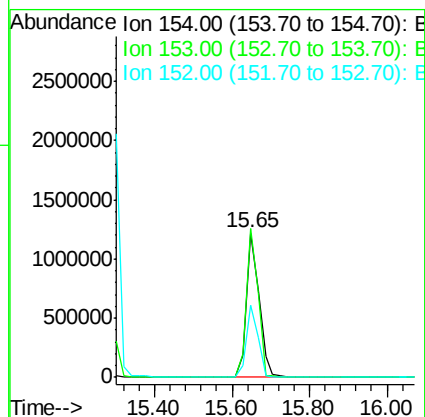
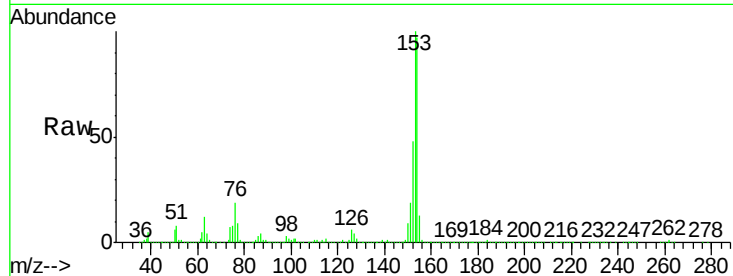
153 103.4 81.6 122.4

152 50.0 41.5 62.3

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#52

3-Nitroaniline

Concen: 68.72 ng

RT: 15.47 min Scan# 647

Delta R.T. 0.02 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

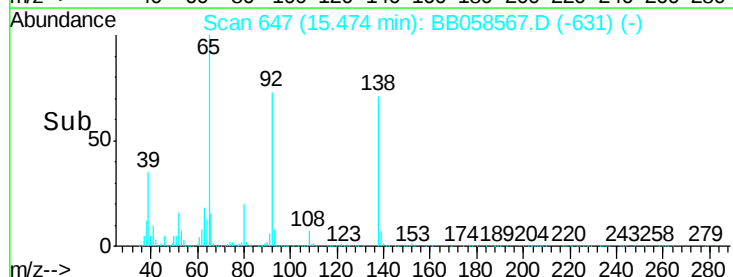
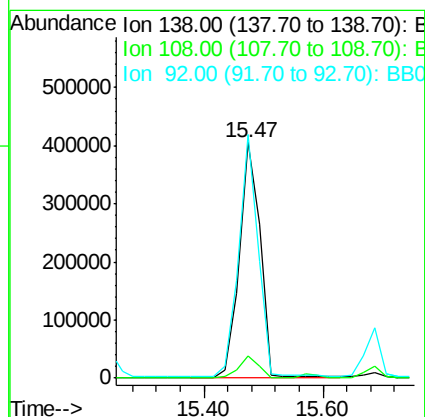
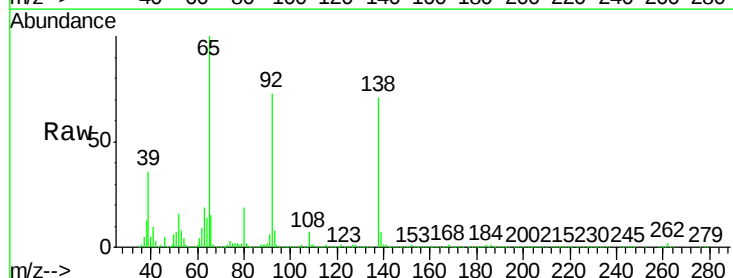
Tgt Ion:138 Resp: 977455

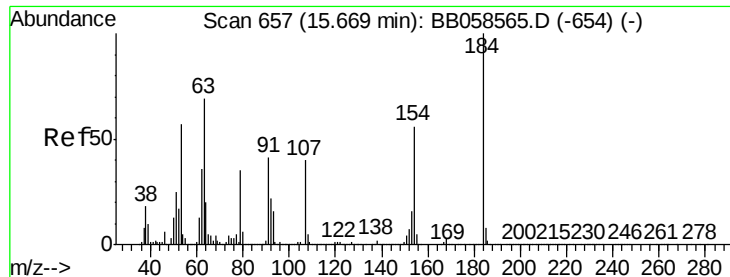
Ion Ratio Lower Upper

138 100

108 9.5 7.3 10.9

92 103.2 74.6 112.0





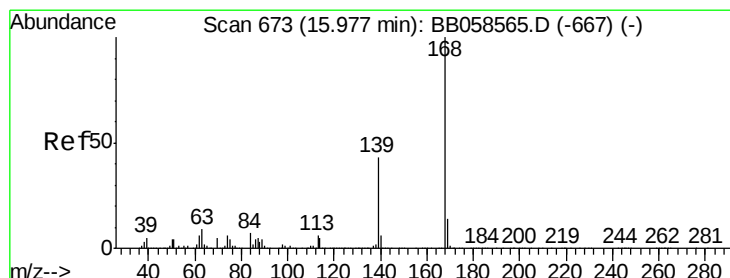
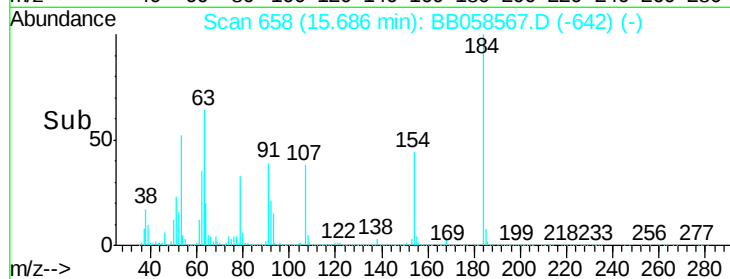
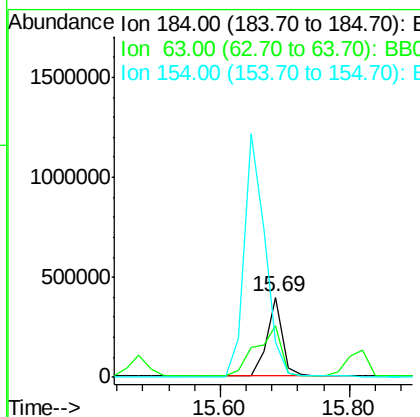
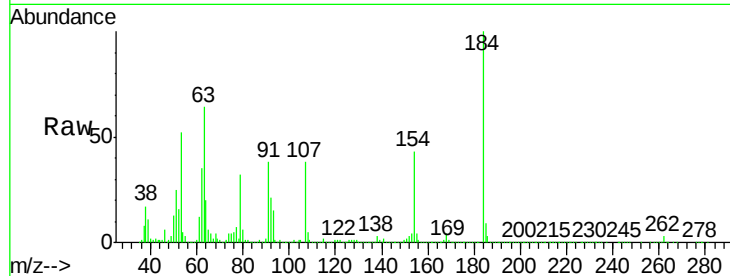
#53
 2,4-Dinitrophenol
 Concen: 72.53 ng
 RT: 15.69 min Scan# 658
 Delta R.T. 0.02 min
 Lab File: BB058567.D
 Acq: 29 Sep 2016 21:19

Instrument :
 BNA_B
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
184	100	669570		
63	64.0	30.7	46.1#	
154	43.3	29.4	44.0	

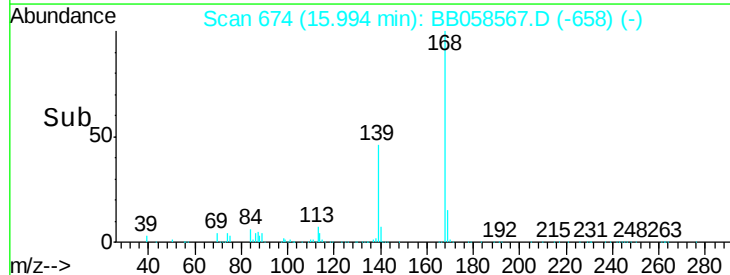
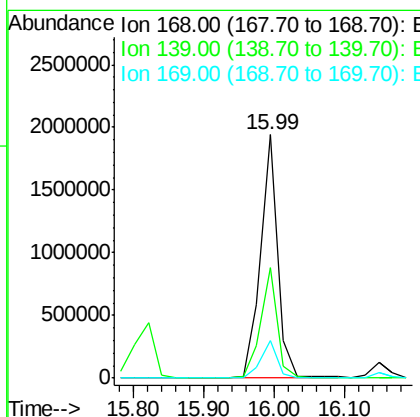
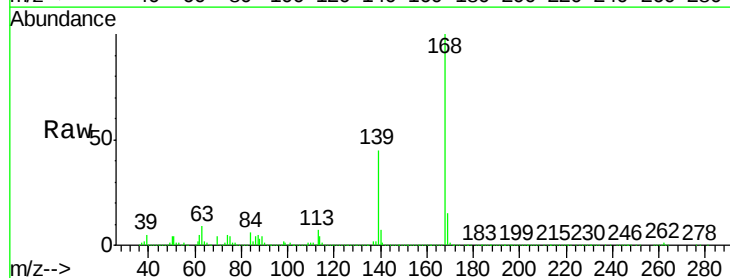
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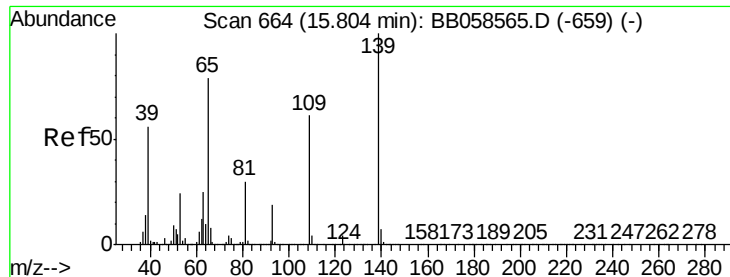
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#54
 Dibenzofuran
 Concen: 65.67 ng
 RT: 15.99 min Scan# 674
 Delta R.T. 0.02 min
 Lab File: BB058567.D
 Acq: 29 Sep 2016 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	3316634		
139	45.3	32.0	48.0	
169	15.2	12.1	18.1	





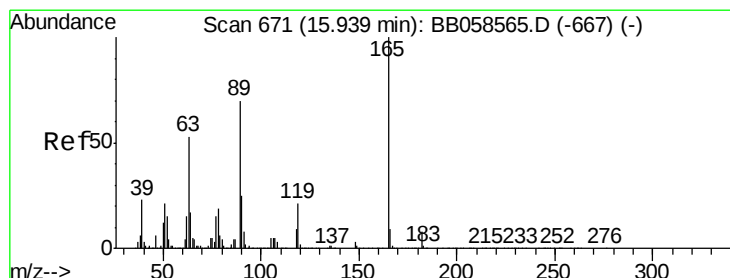
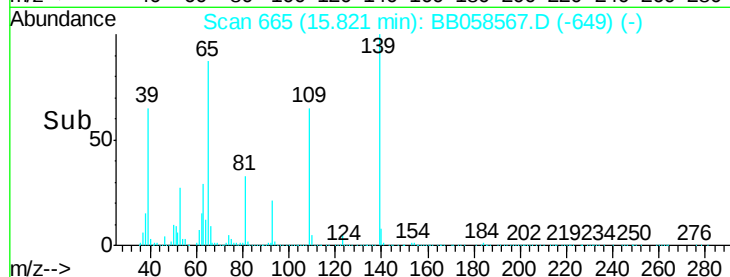
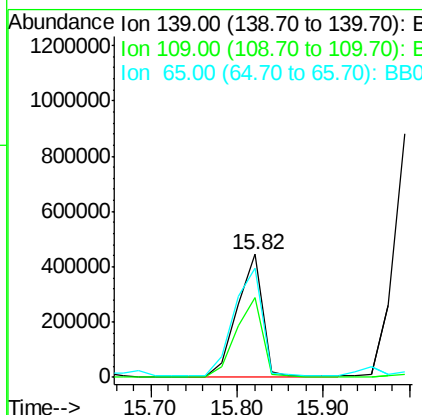
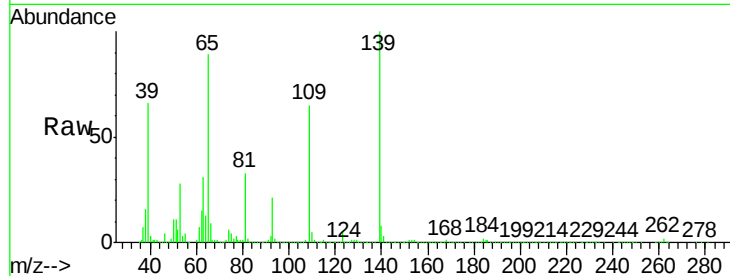
#55
4-Nitrophenol
Concen: 74.28 ng
RT: 15.82 min Scan# 665
Delta R.T. 0.02 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Instrument :
BNA_B
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	65.1	45.4	85.4	
65	89.1	79.8	119.8	

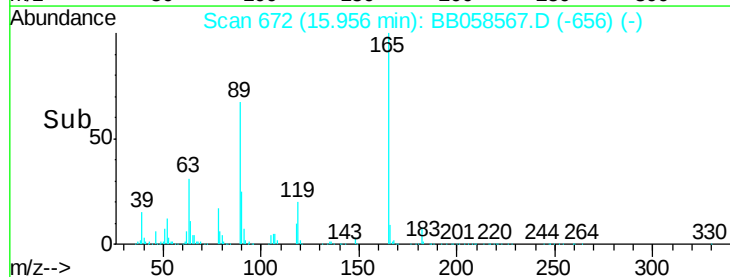
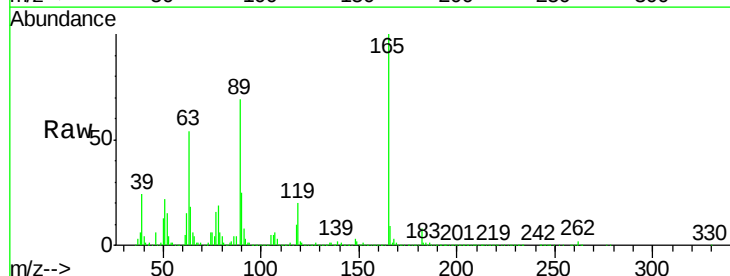
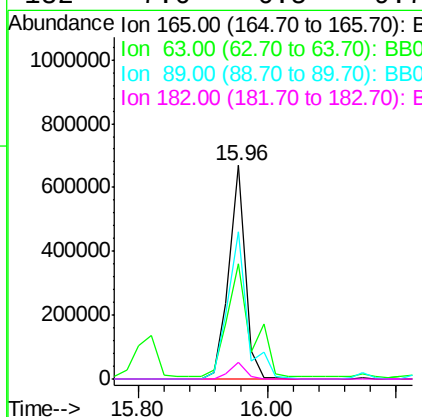
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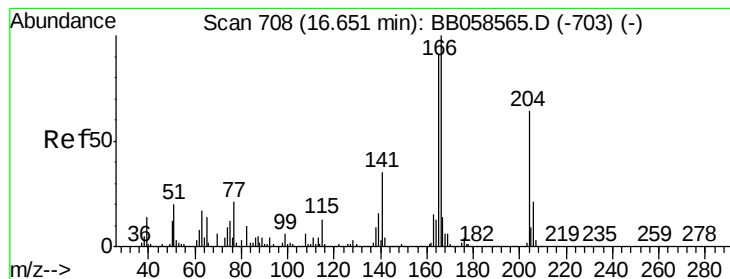
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#56
2,4-Dinitrotoluene
Concen: 66.44 ng
RT: 15.96 min Scan# 672
Delta R.T. 0.02 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.7	28.5	42.7#	
89	69.0	39.7	59.5#	
182	7.6	6.5	9.7	





#57

Fluorene

Concen: 68.70 ng

RT: 16.67 min Scan# 709

Delta R.T. 0.02 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Instrument :

BNA_B

ClientSampleId :

SSTDICC060

Tot Ion:166 Resp: 2746006

Ion Ratio Lower Upper

166 100

165 92.9 73.2 109.8

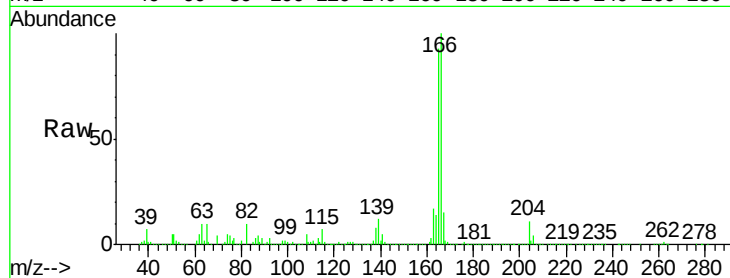
167 14.7 11.4 17.0

Manual Integrations

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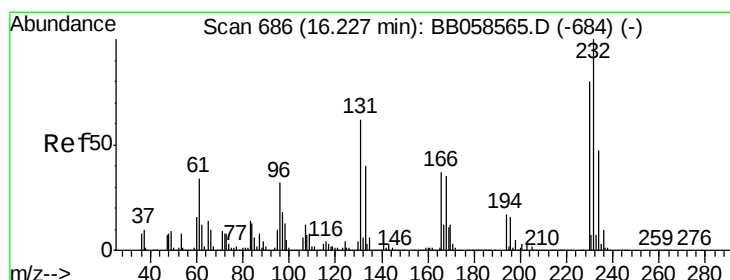
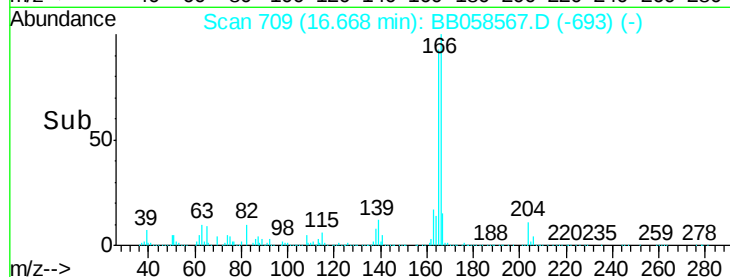
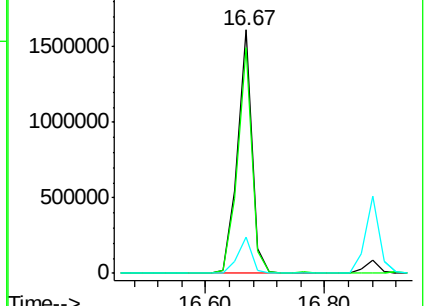
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 72.24 ng

RT: 16.24 min Scan# 687

Delta R.T. 0.02 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Tgt Ion:232 Resp: 755959

Ion Ratio Lower Upper

232 100

131 55.8 43.7 65.5

130 3.3 2.6 4.0

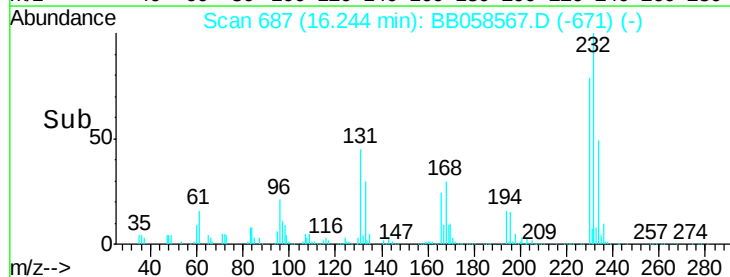
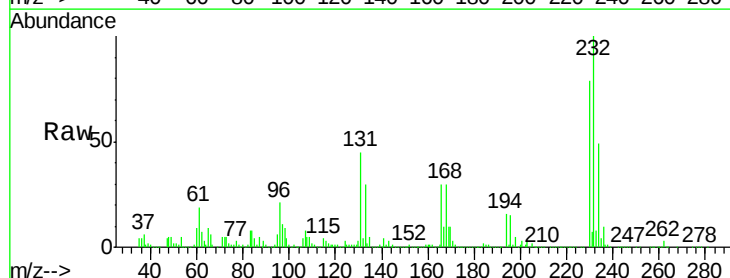
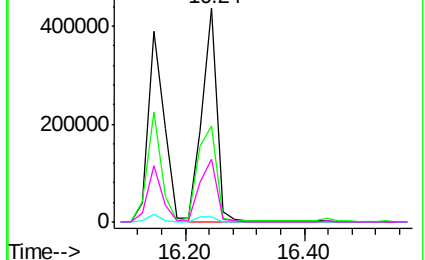
166 33.5 25.8 38.8

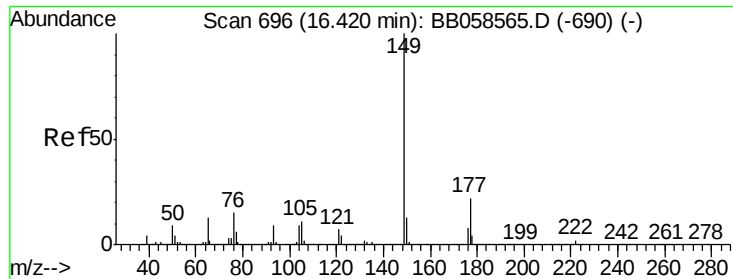
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





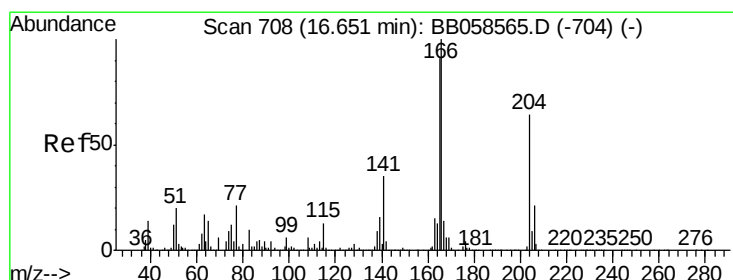
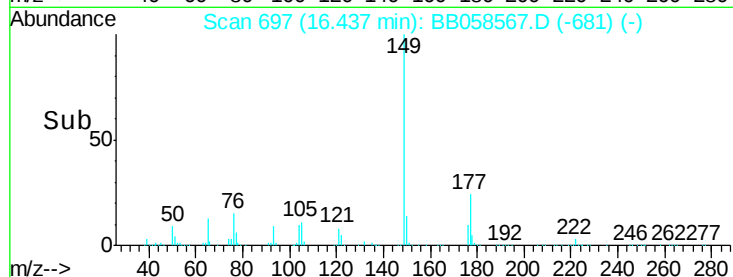
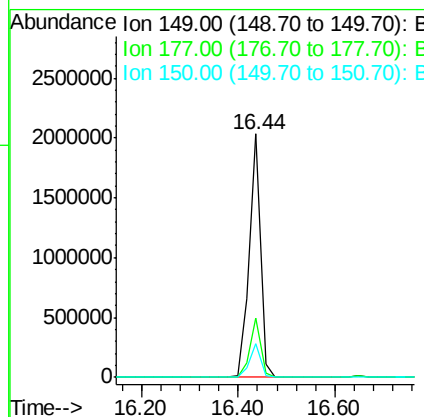
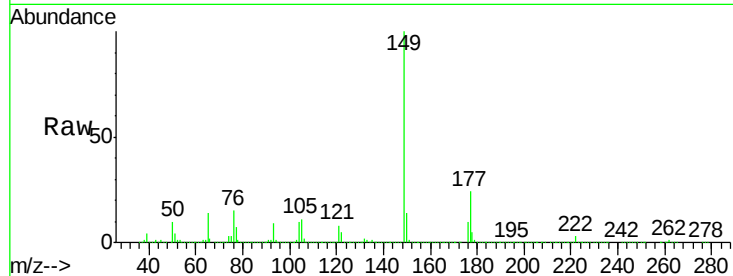
#59
Diethylphthalate
Concen: 68.48 ng
RT: 16.44 min Scan# 697
Delta R.T. 0.02 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Instrument :
BNA_B
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.4	21.5	32.3
150	13.8	10.0	15.0

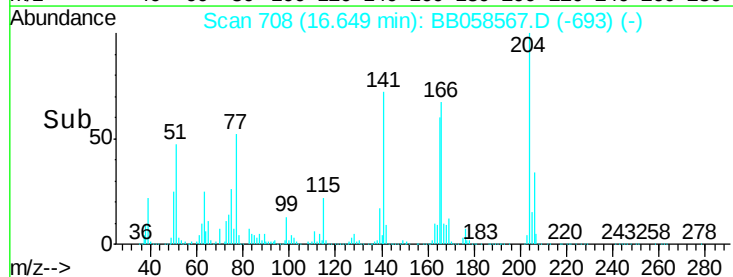
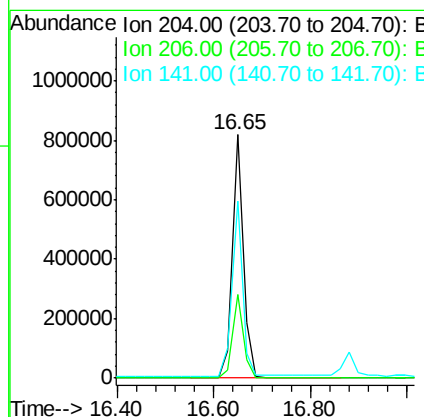
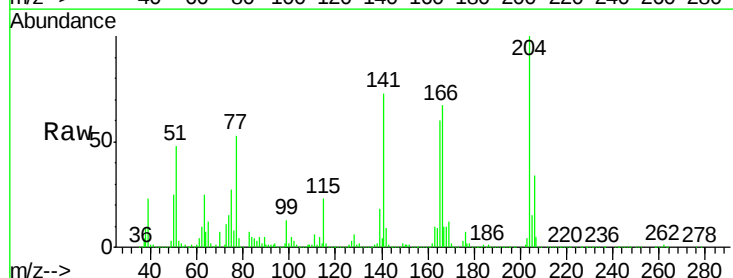
Manual Integrations
APPROVED

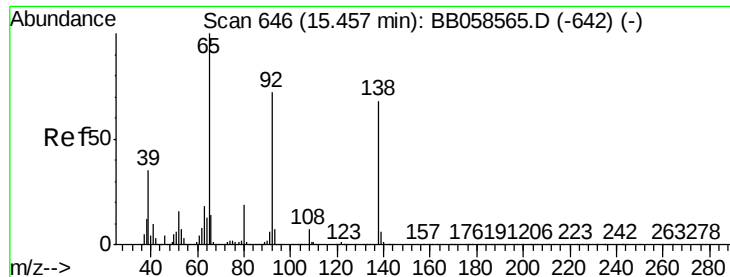
sohil
9/30/2016 7:25:00 PM



#60
4-Chlorophenyl-phenylether
Concen: 66.24 ng
RT: 16.65 min Scan# 708
Delta R.T. -0.00 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.8	41.6
141	72.7	53.2	79.8





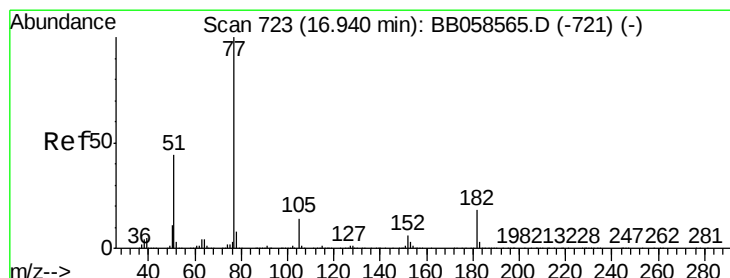
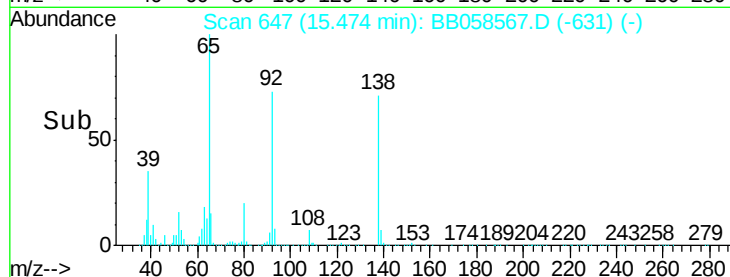
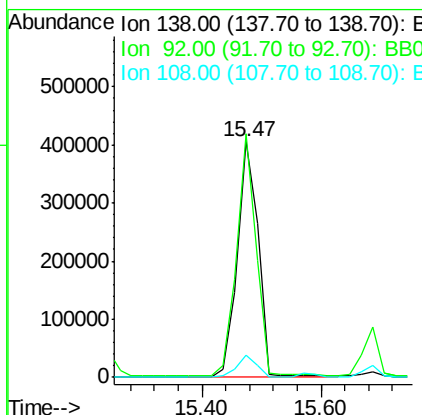
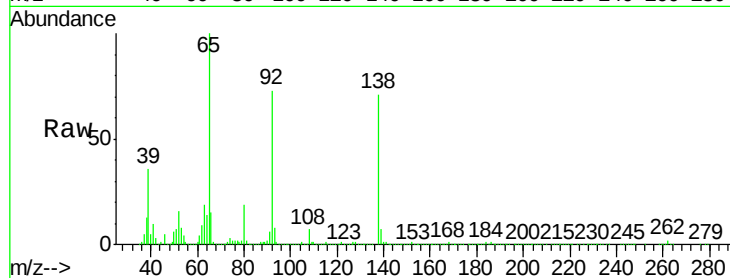
#61
4-Nitroaniline
Concen: 68.72 ng
RT: 15.47 min Scan# 647
Delta R.T. 0.02 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Instrument :
BNA_B
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
138	100		
92	103.2	73.3	113.3
108	9.5	0.0	29.1

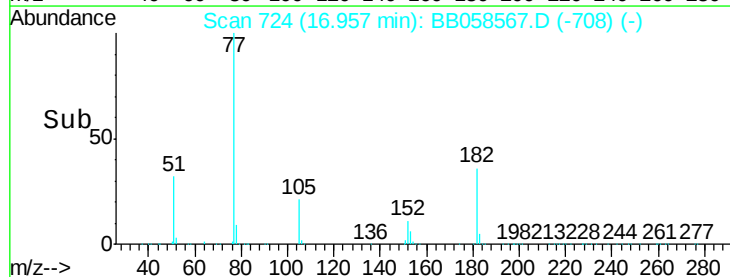
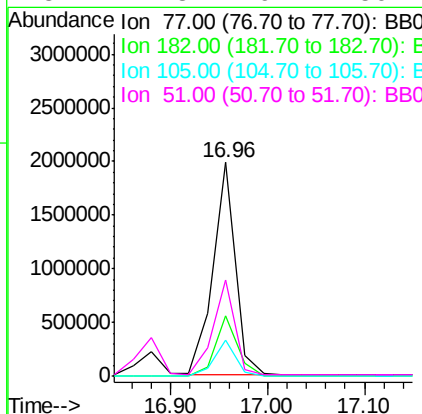
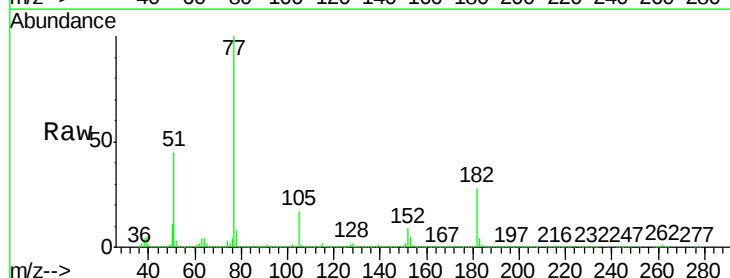
Manual Integrations
APPROVED

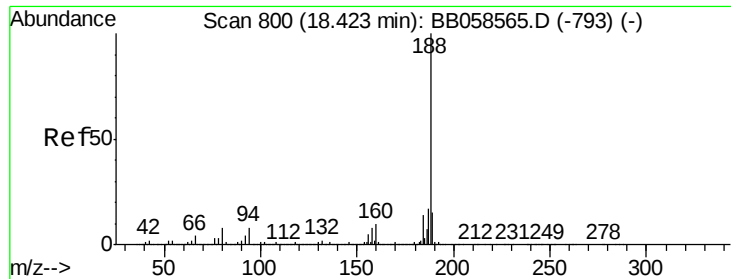
sohil
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#62
Azobenzene
Concen: 65.19 ng
RT: 16.96 min Scan# 724
Delta R.T. 0.02 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.2	20.8	60.8
105	16.7	0.0	38.2
51	44.8	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: BB058567.D

Acq: 29 Sep 2016 21:19

Instrument :

BNA_B

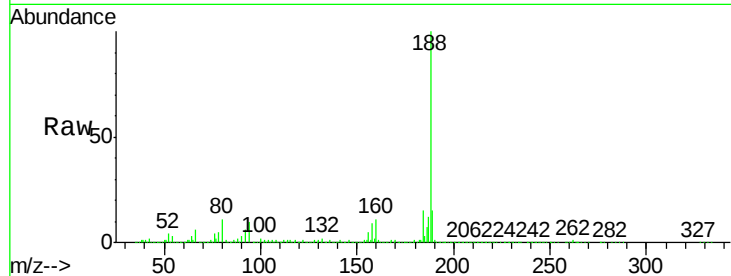
ClientSampleID :

SSTDICC060

Tot Ion:	188	Resp:	1243925
Ion	Ratio	Lower	Upper
188	100		
94	9.8	6.2	9.4#
80	11.4	6.9	10.3#

Manual Integrations
APPROVED

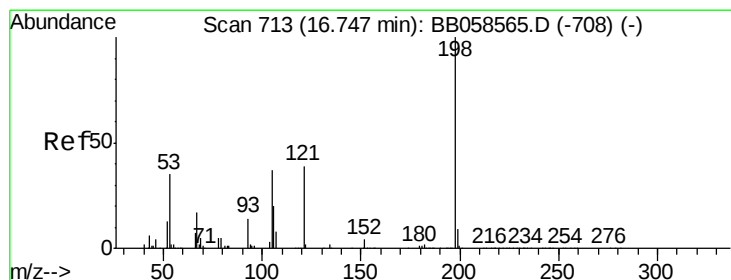
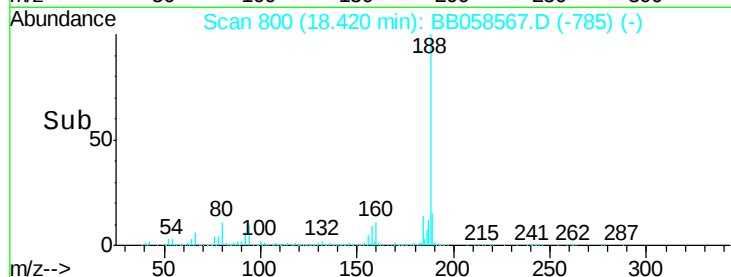
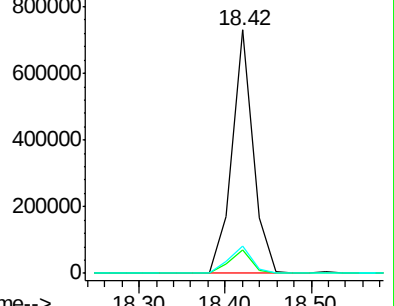
sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BB0

Ion 80.00 (79.70 to 80.70): BB0



#64

4,6-Dinitro-2-methylphenol

Concen: 62.11 ng

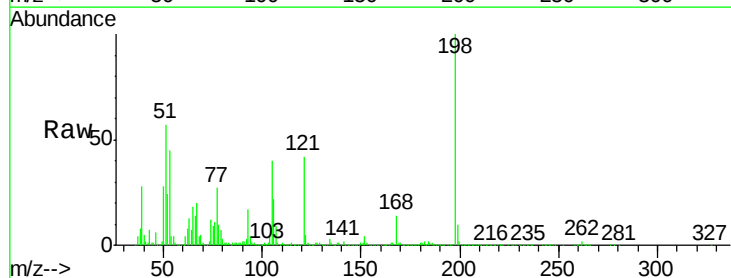
RT: 16.76 min Scan# 714

Delta R.T. 0.02 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

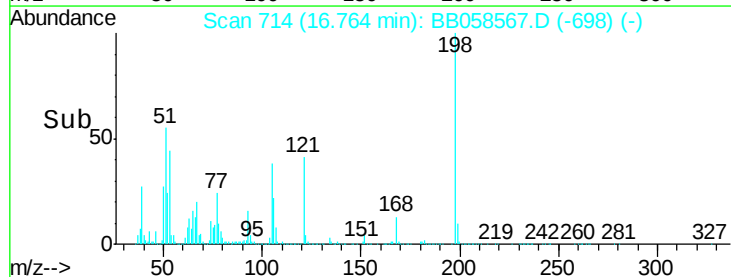
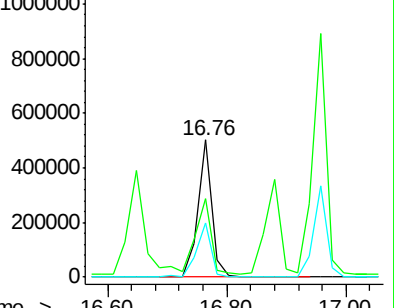
Tgt Ion:	198	Resp:	812364
Ion	Ratio	Lower	Upper
198	100		
51	57.3	11.9	51.9#
105	39.7	6.6	46.6

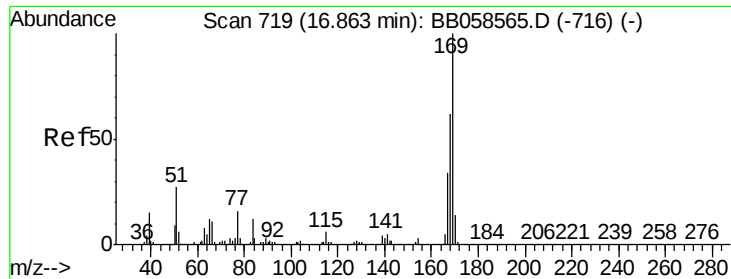


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BB0

Ion 105.00 (104.70 to 105.70): E





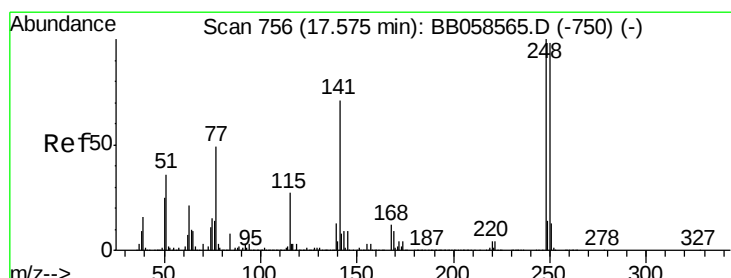
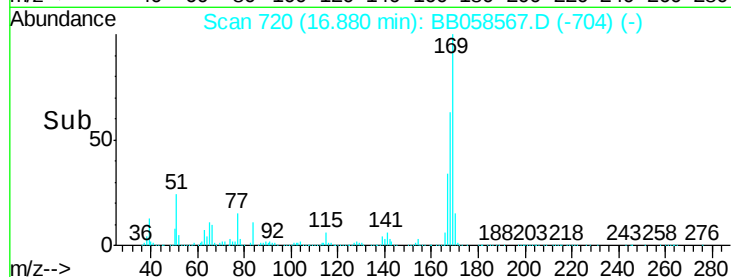
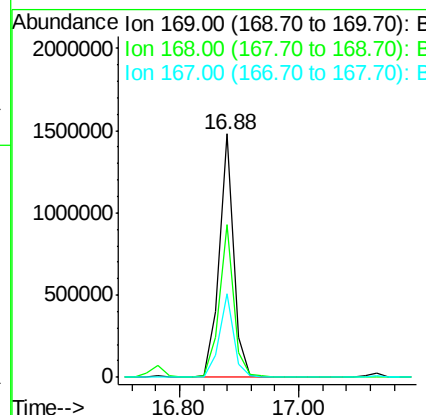
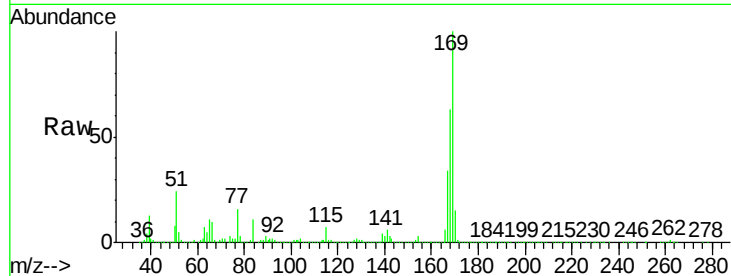
#65
n-Nitrosodiphenylamine
Concen: 59.55 ng
RT: 16.88 min Scan# 720
Delta R.T. 0.02 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Instrument :
BNA_B
ClientSampleId :
SSTDIC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		2489446		
168	62.9	51.4		77.2	
167	34.3	27.6		41.4	

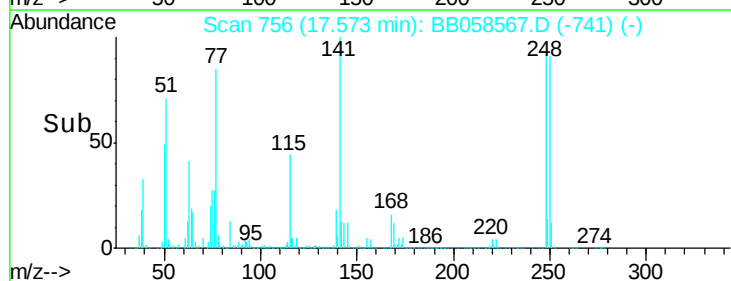
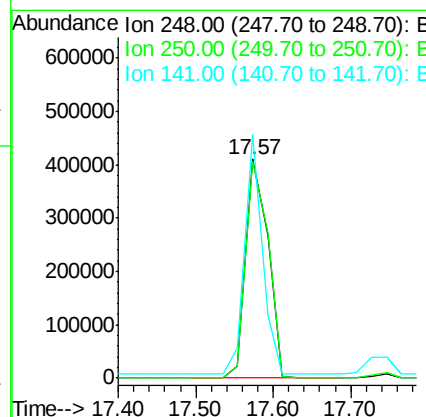
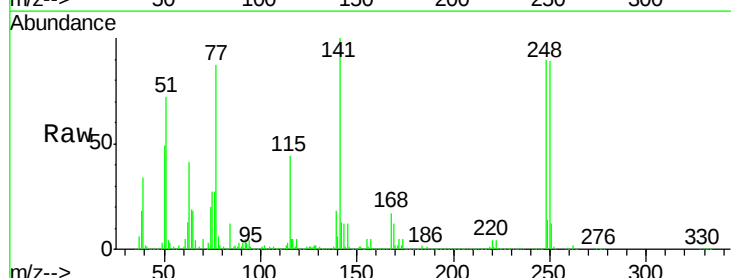
Manual Integrations
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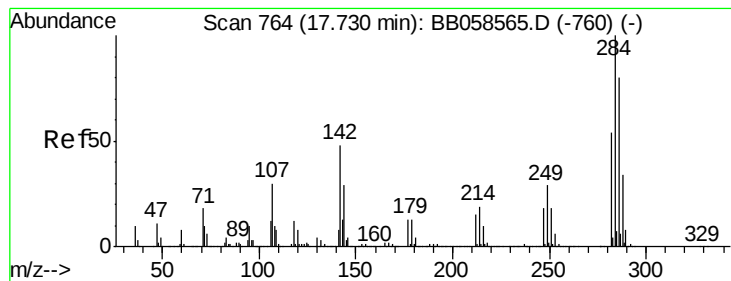
sohil
9/30/2016 7:25:00 PM



#66
4-Bromophenyl-phenylether
Concen: 60.64 ng
RT: 17.57 min Scan# 756
Delta R.T. -0.00 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		815886		
250	98.9	78.8		118.2	
141	111.1	68.2		102.4	





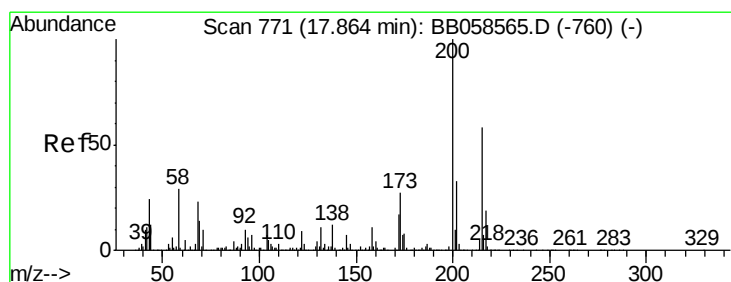
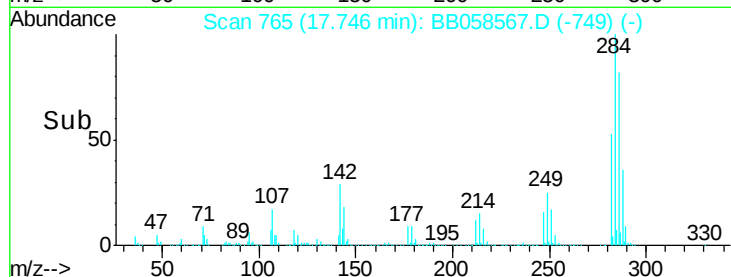
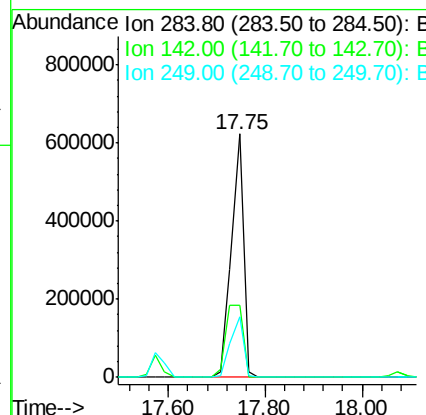
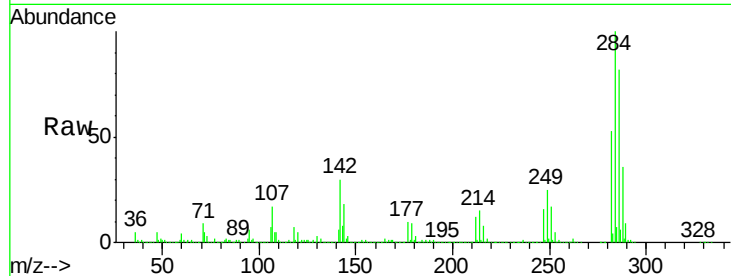
#67
Hexachlorobenzene
Concen: 65.87 ng
RT: 17.75 min Scan# 765
Delta R.T. 0.02 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Instrument :
BNA_B
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.5	40.6	61.0#
249	25.1	24.8	37.2

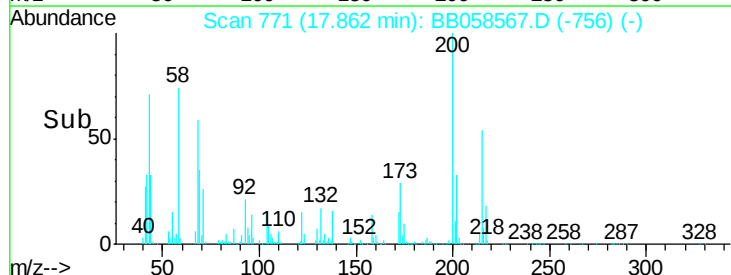
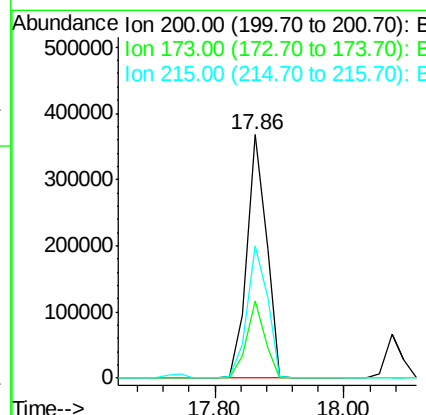
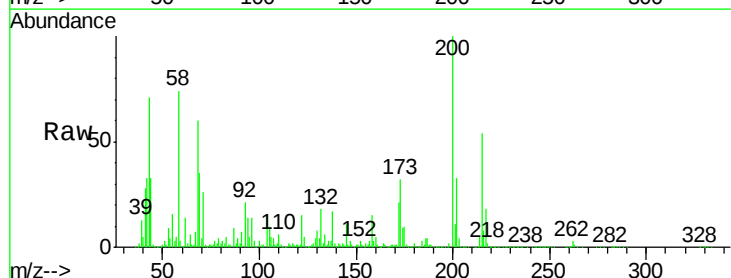
Manual Integrations
APPROVED

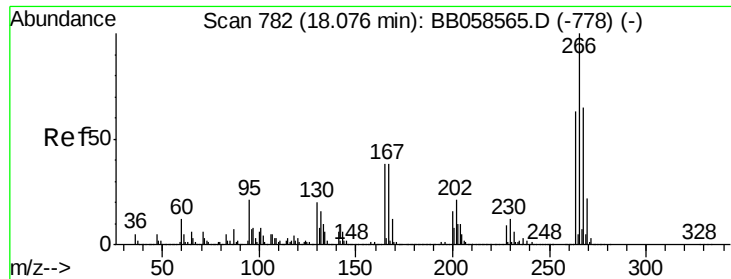
sohil
9/30/2016 7:25:00 PM



#68
Atrazine
Concen: 57.50 ng
RT: 17.86 min Scan# 771
Delta R.T. -0.00 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.9	10.4	50.4
215	54.4	35.7	75.7





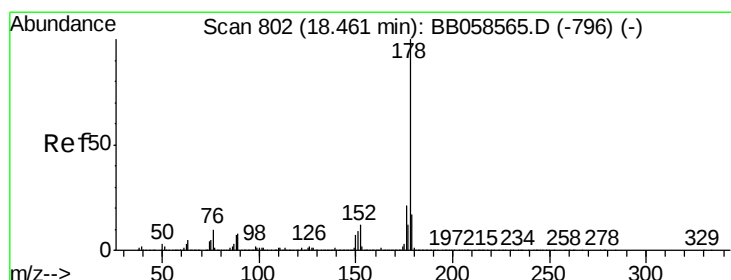
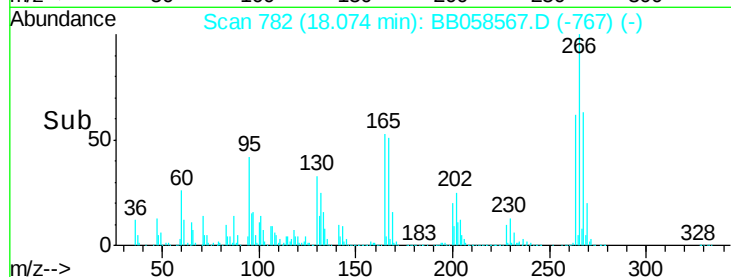
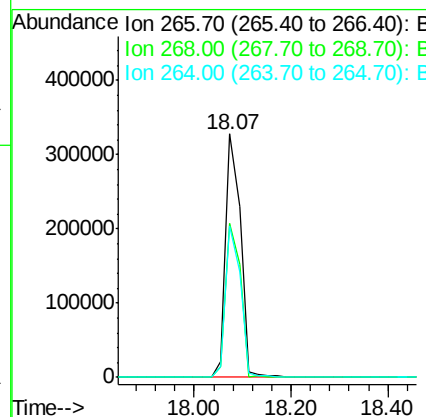
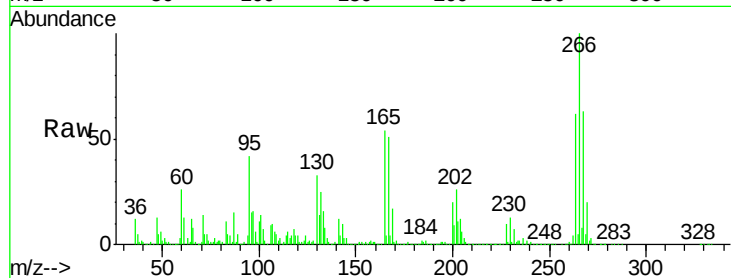
#69
 Pentachlorophenol
 Concen: 66.28 ng
 RT: 18.07 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BB058567.D
 Acq: 29 Sep 2016 21:19

Instrument :
 BNA_B
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
266	100	693820		
268	63.0		51.3	76.9
264	62.4		50.2	75.2

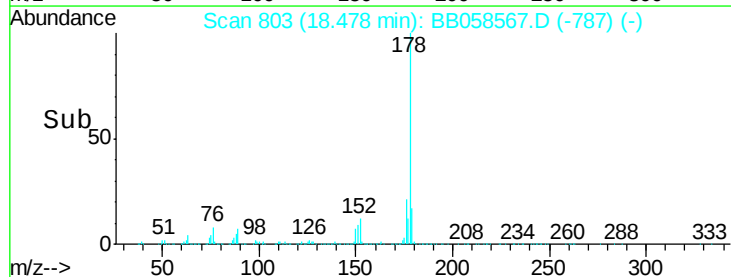
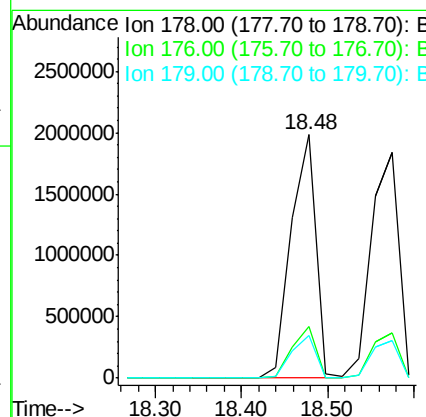
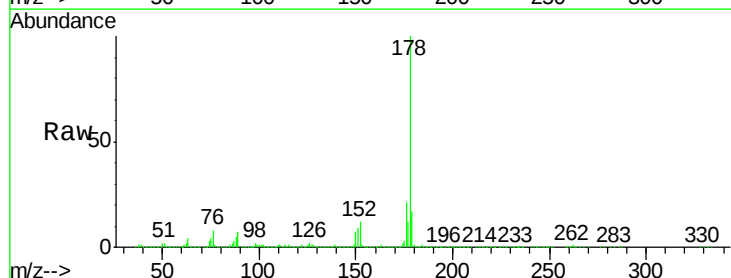
Manual Integrations
 APPROVED

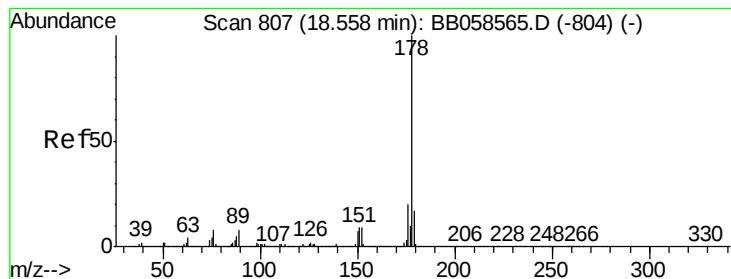
sohil
 9/30/2016 7:25:00 PM



#70
 Phenanthrene
 Concen: 61.16 ng
 RT: 18.48 min Scan# 803
 Delta R.T. 0.02 min
 Lab File: BB058567.D
 Acq: 29 Sep 2016 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	3959276		
176	21.3		17.2	25.8
179	17.4		14.3	21.5





#71
 Anthracene
 Concen: 63.30 ng
 RT: 18.57 min Scan# 808
 Delta R.T. 0.02 min
 Lab File: BB058567.D
 Acq: 29 Sep 2016 21:19

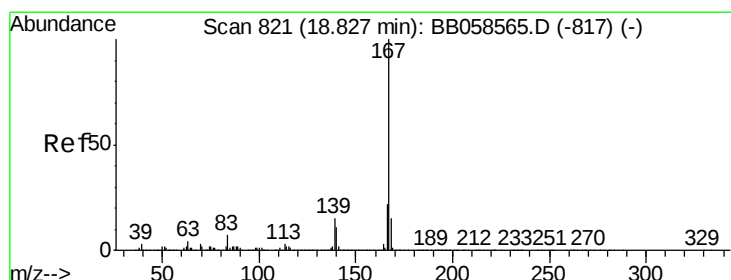
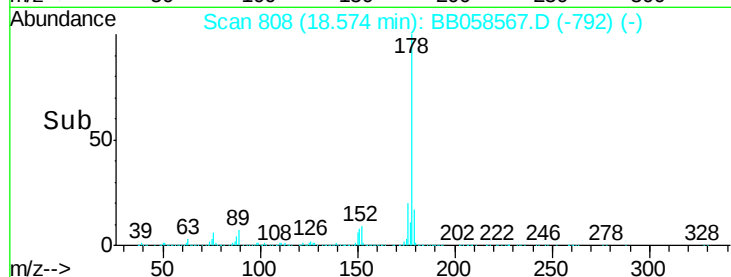
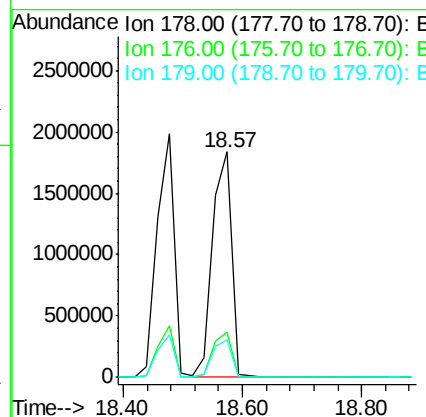
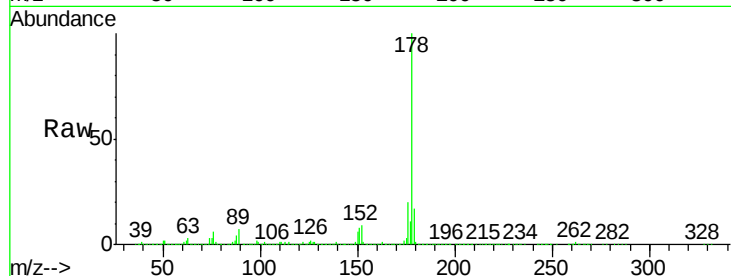
Instrument :
 BNA_B
 ClientSampled :
 SSTDICC060

Tot Ion:178 Resp: 4079293

Ion	Ratio	Lower	Upper
178	100		
176	20.1	17.6	26.4
179	16.8	14.8	22.2

Manual Integrations
 APPROVED

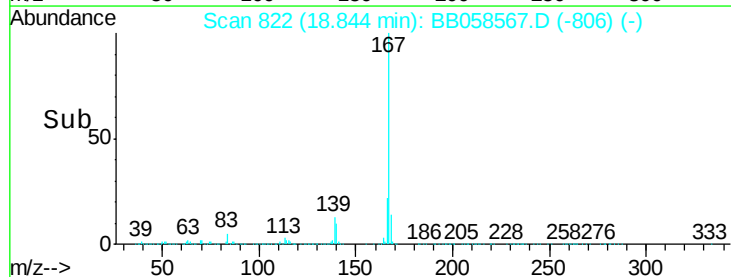
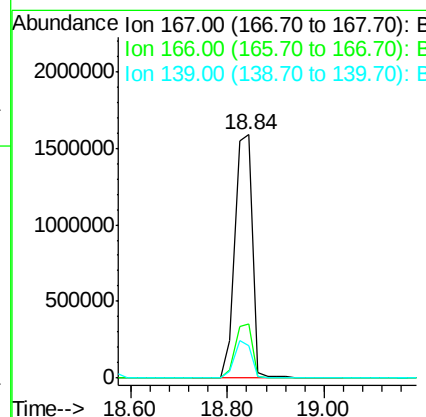
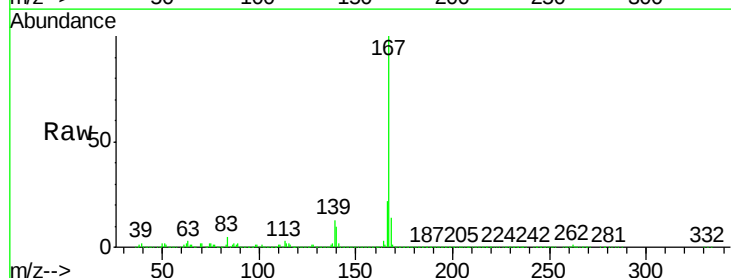
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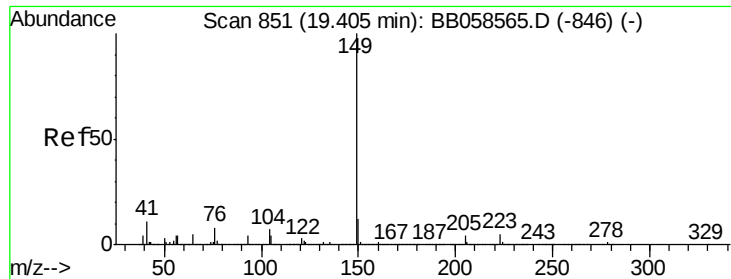


#72
 Carbazole
 Concen: 64.15 ng
 RT: 18.84 min Scan# 822
 Delta R.T. 0.02 min
 Lab File: BB058567.D
 Acq: 29 Sep 2016 21:19

Tgt Ion:167 Resp: 3998762

Ion	Ratio	Lower	Upper
167	100		
166	22.0	19.4	29.0
139	13.3	14.1	21.1





#73

Di-n-butylphthalate

Concen: 62.85 ng

RT: 19.40 min Scan# 851

Delta R.T. -0.00 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Instrument :

BNA_B

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 5135544

Ion Ratio Lower Upper

149 100

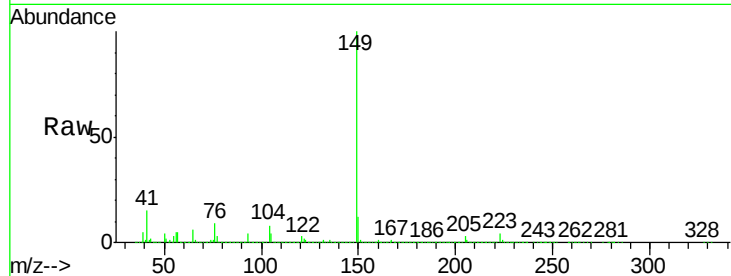
150 11.8 11.8 17.6#

104 7.8 7.7 11.5

Manual Integrations
APPROVED

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9/30/2016 7:25:00 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

2500000

2000000

1500000

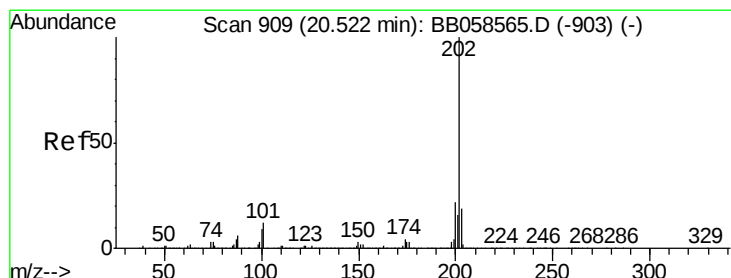
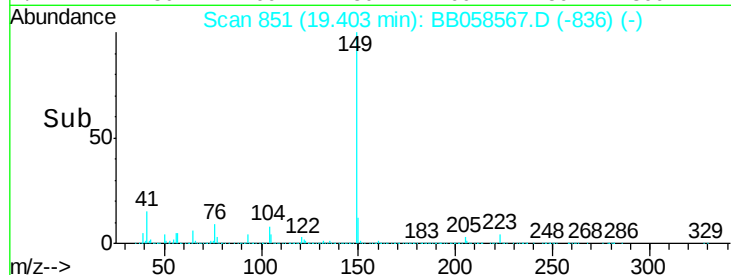
1000000

500000

0

19.20 19.40 19.60

Time-->



#74

Fluoranthene

Concen: 60.49 ng

RT: 20.52 min Scan# 909

Delta R.T. -0.00 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

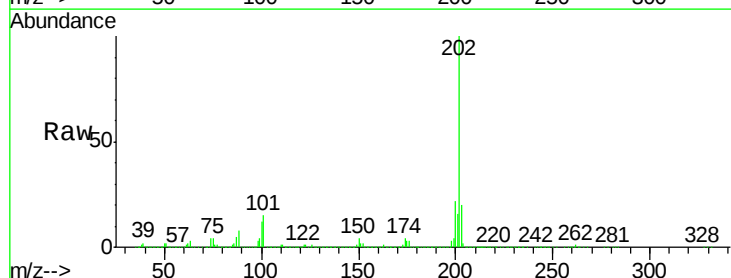
Tgt Ion:202 Resp: 3690591

Ion Ratio Lower Upper

202 100

101 15.4 0.0 34.3

203 19.7 1.3 41.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

2500000

2000000

1500000

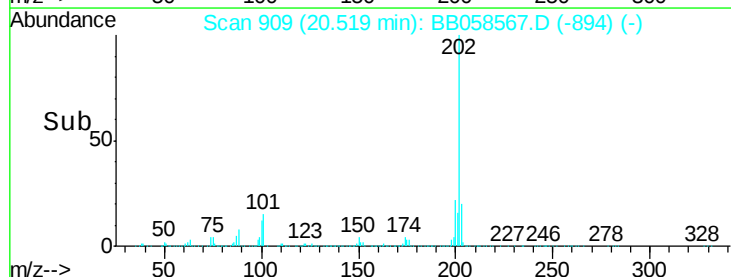
1000000

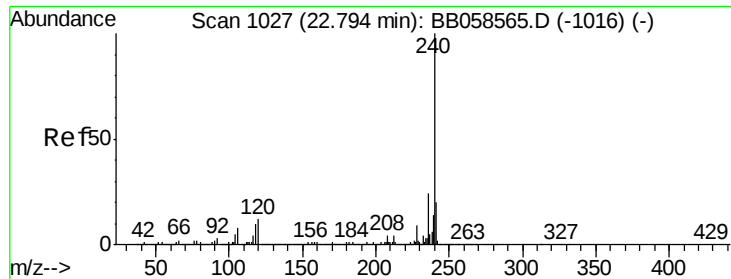
500000

0

20.20 20.40 20.60 20.80

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.79 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Instrument :

BNA_B

ClientSampleId :

SSTDIC060

Tot Ion:240 Resp: 1146259

Ion Ratio Lower Upper

240 100

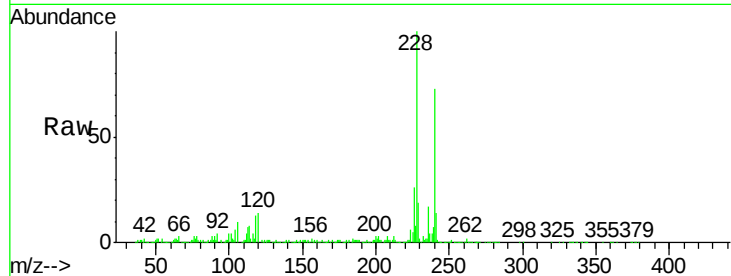
120 19.7 13.3 19.9

236 23.5 19.4 29.2

Manual Integrations
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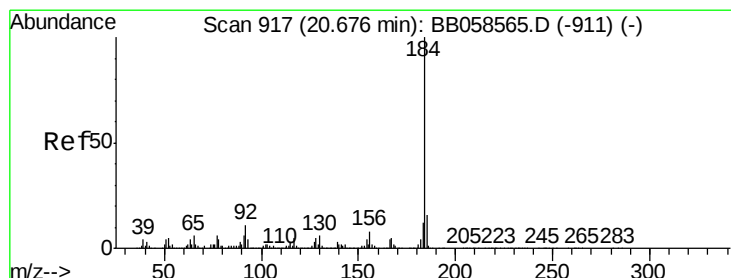
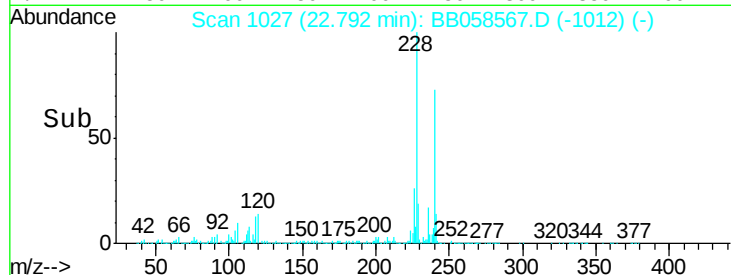
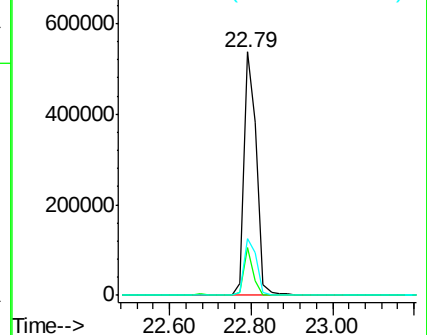
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 69.52 ng

RT: 20.69 min Scan# 918

Delta R.T. 0.02 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

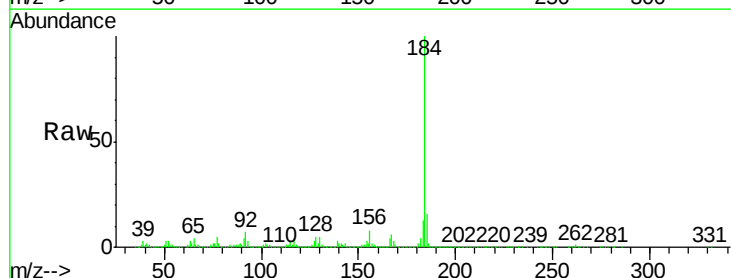
Tgt Ion:184 Resp: 2292819

Ion Ratio Lower Upper

184 100

185 16.5 11.5 17.3

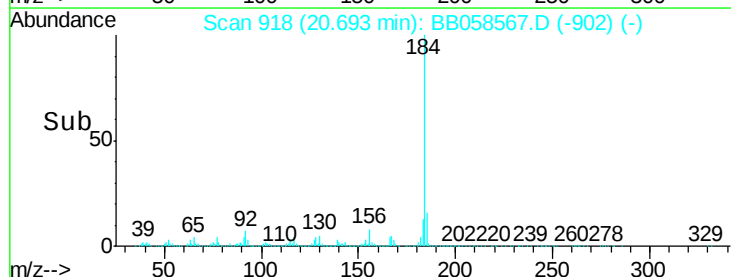
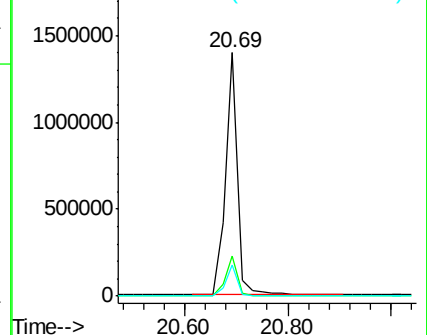
183 12.9 9.8 14.6

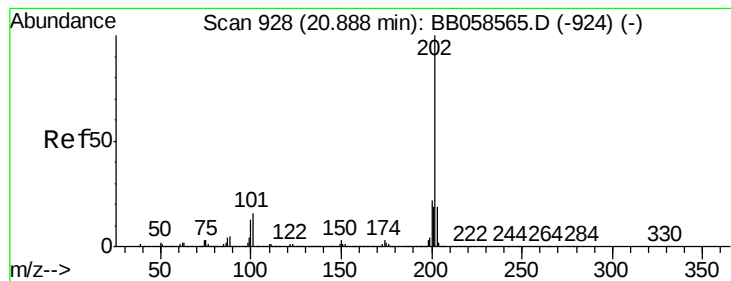


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 66.52 ng

RT: 20.90 min Scan# 929

Delta R.T. 0.02 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Instrument :

BNA_B

ClientSampleID :

SSTDICC060

Tot Ion:202 Resp: 4154889

Ion Ratio Lower Upper

202 100

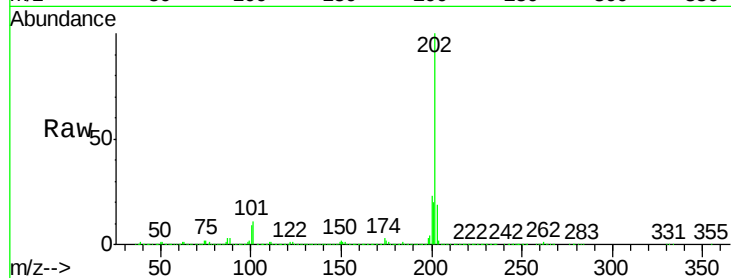
200 22.9 19.8 29.8

203 19.4 16.9 25.3

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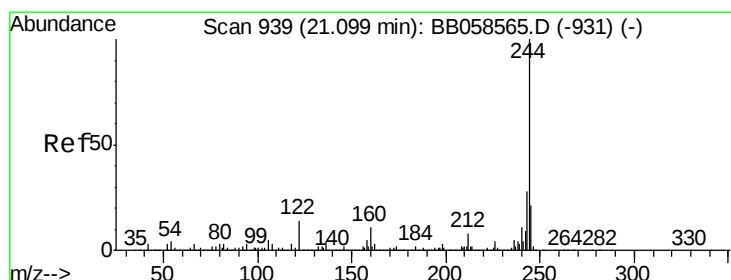
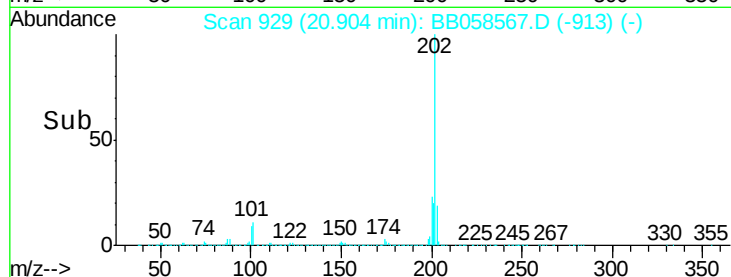
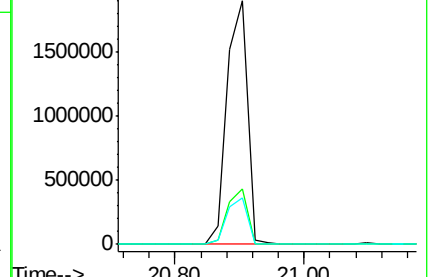
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 110.91 ng

RT: 21.10 min Scan# 939

Delta R.T. -0.00 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

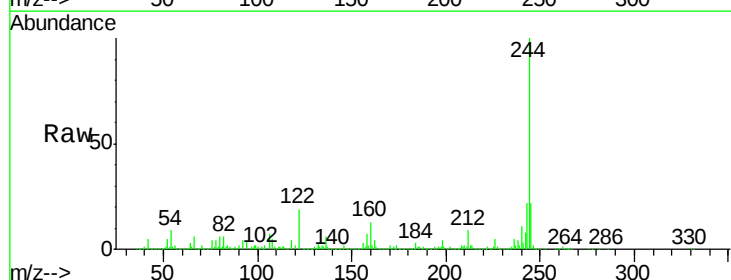
Tgt Ion:244 Resp: 4190275

Ion Ratio Lower Upper

244 100

212 8.9 7.8 11.8

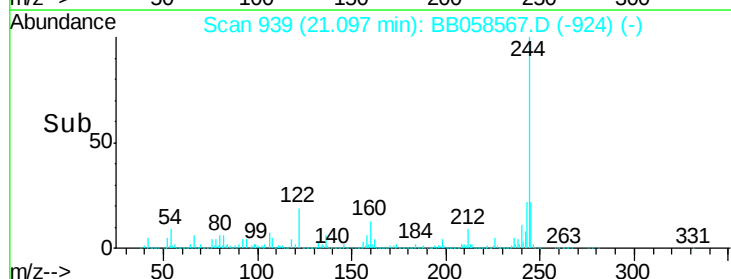
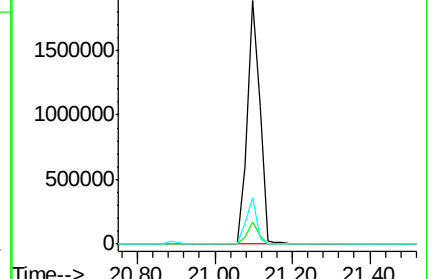
122 19.2 14.7 22.1

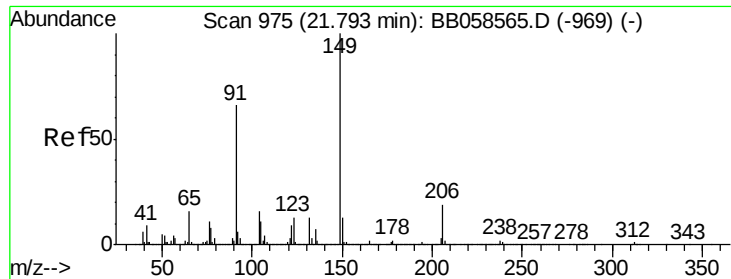


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





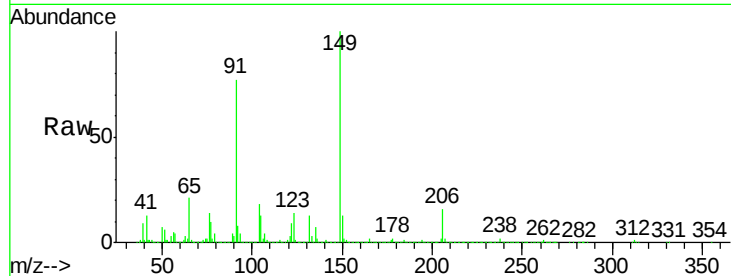
#79
Butylbenzylphthalate
Concen: 59.24 ng
RT: 21.79 min Scan# 975
Delta R.T. -0.00 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Instrument :
BNA_B
ClientSampleId :
SSTDIC060

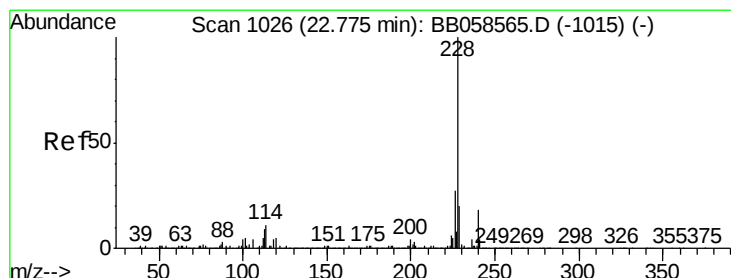
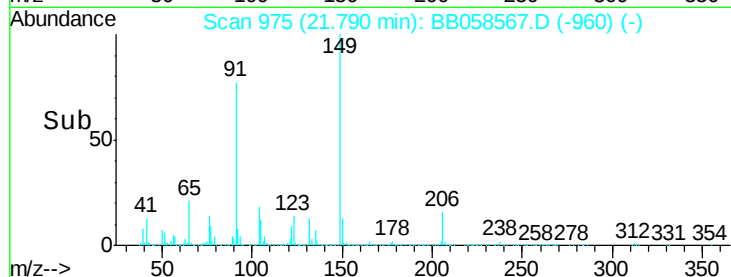
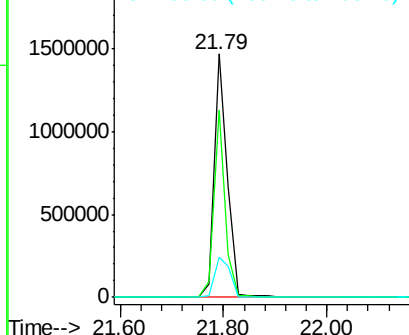
Tot Ion	Ion	Ratio	Lower	Upper
149	100			
91	77.0	57.1	85.7	
206	16.5	17.0	25.4	

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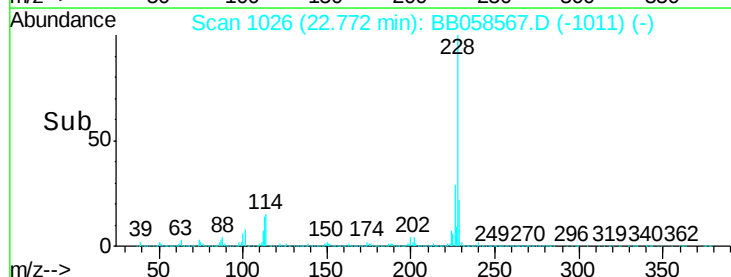
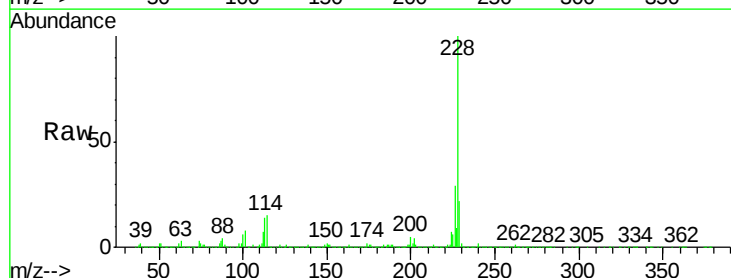
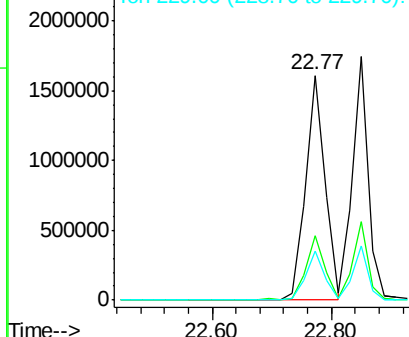
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BB0
Ion 206.00 (205.70 to 206.70): E

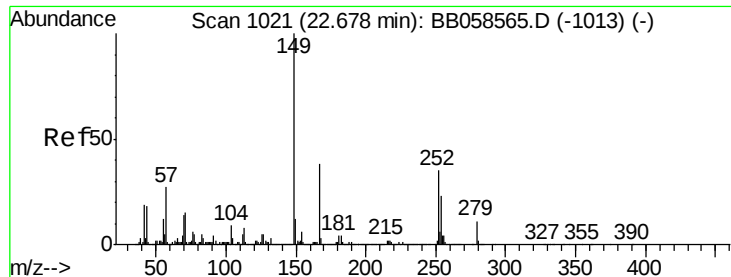


#80
Benzo(a)anthracene
Concen: 61.15 ng
RT: 22.77 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	28.6	23.8	35.8	
229	21.7	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





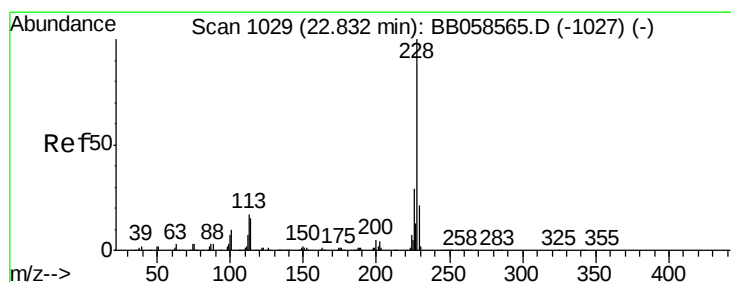
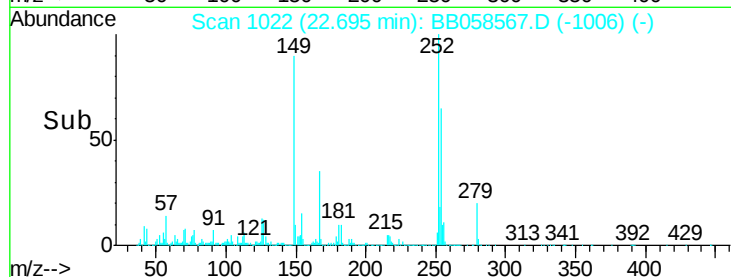
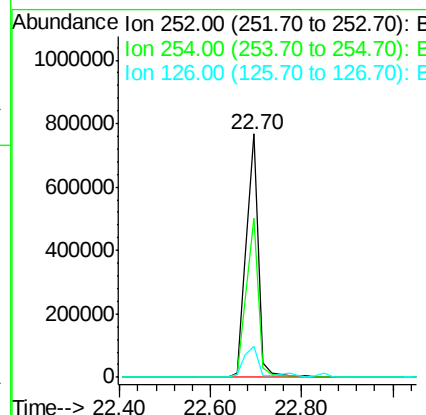
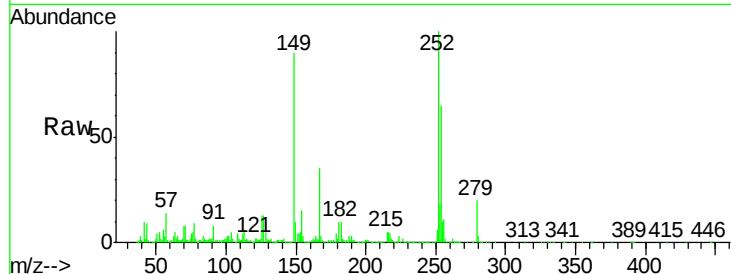
#81
 3,3'-Dichlorobenzidine
 Concen: 65.05 ng
 RT: 22.70 min Scan# 1022
 Delta R.T. 0.02 min
 Lab File: BB058567.D
 Acq: 29 Sep 2016 21:19

Instrument :
 BNA_B
 ClientSampled :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.8	79.2
126	12.8	7.3	10.9

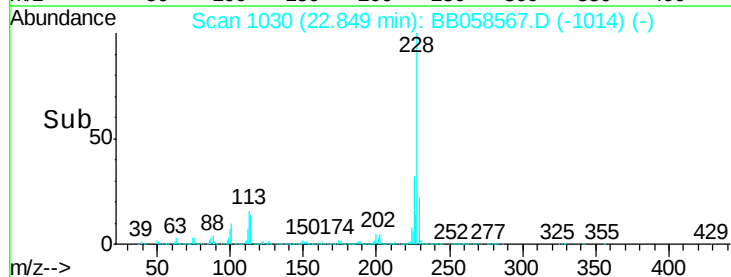
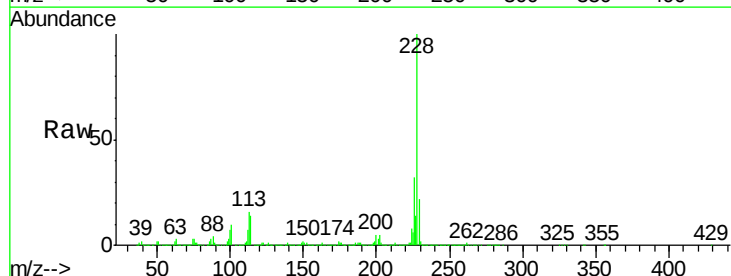
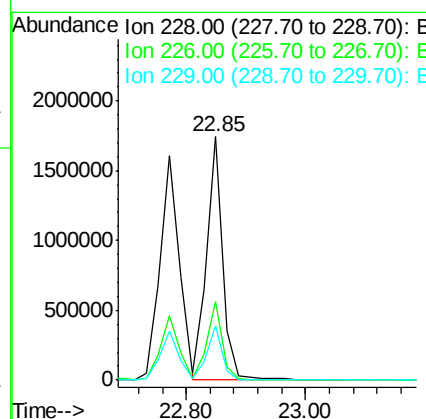
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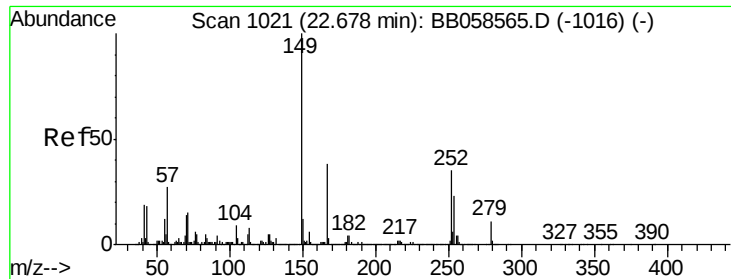
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#82
 Chrysene
 Concen: 57.68 ng
 RT: 22.85 min Scan# 1030
 Delta R.T. 0.02 min
 Lab File: BB058567.D
 Acq: 29 Sep 2016 21:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	27.3	40.9
229	22.4	18.6	28.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 57.35 ng

RT: 22.68 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Instrument :

BNA_B

ClientSampled :

SSTDICC060

Tot Ion:149 Resp: 3243782

Ion Ratio Lower Upper

149 100

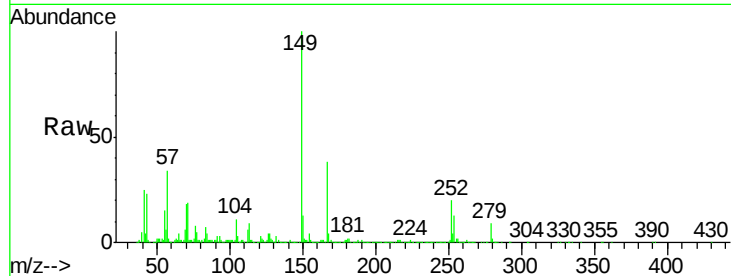
167 38.2 33.4 50.0

279 8.9 9.1 13.7#

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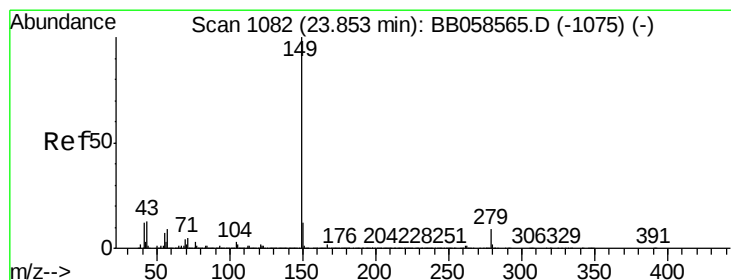
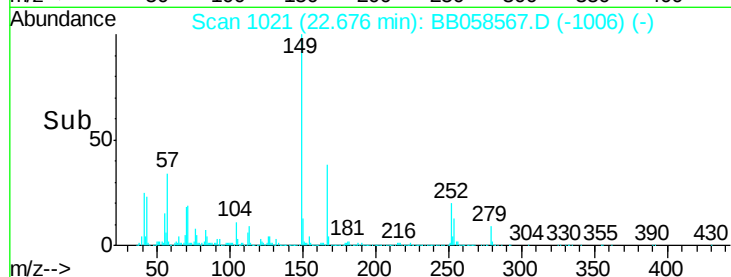
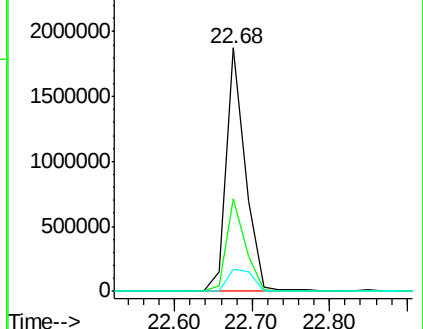
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 61.29 ng

RT: 23.85 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

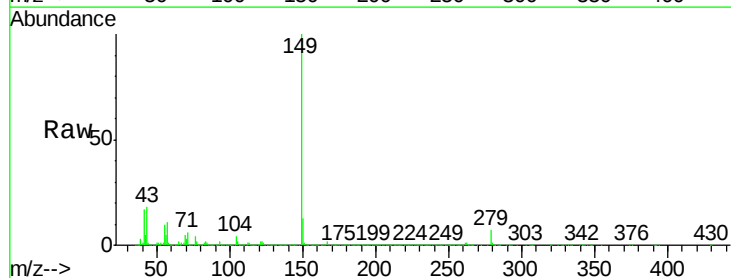
Tgt Ion:149 Resp: 6179294

Ion Ratio Lower Upper

149 100

167 2.0 1.7 2.5

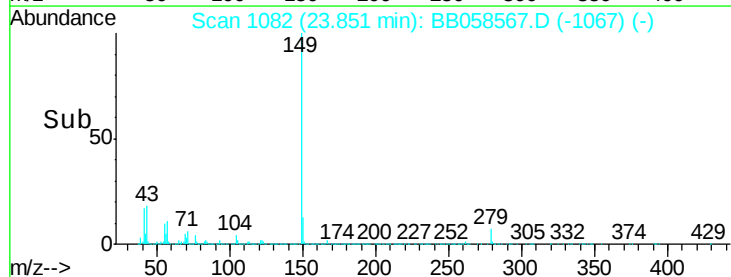
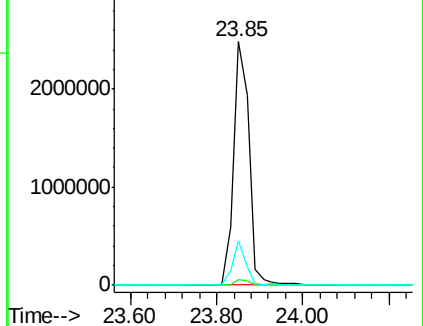
43 15.6 12.5 18.7

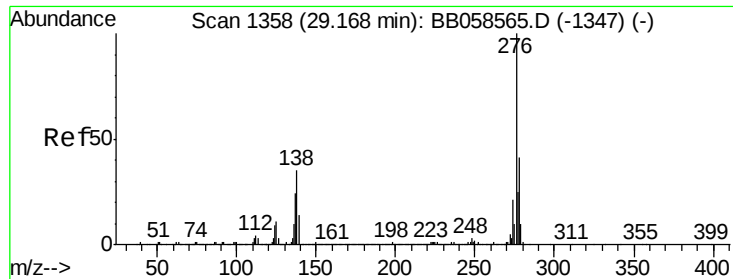


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BB0





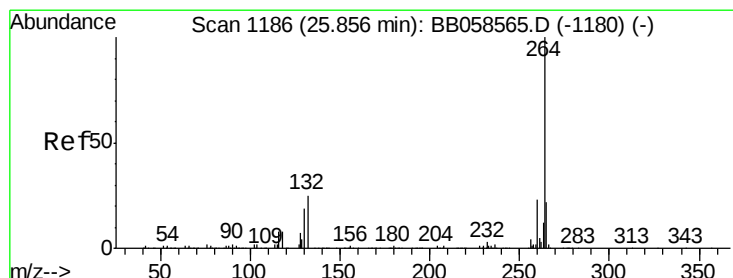
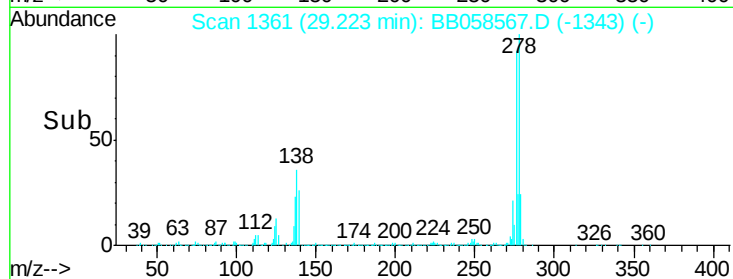
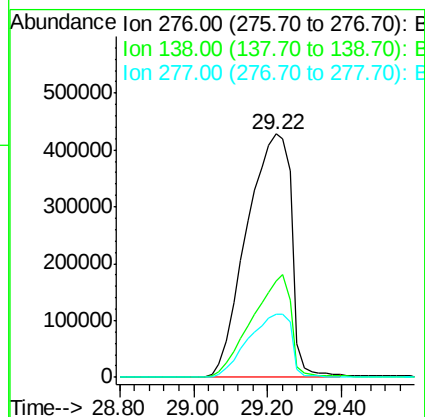
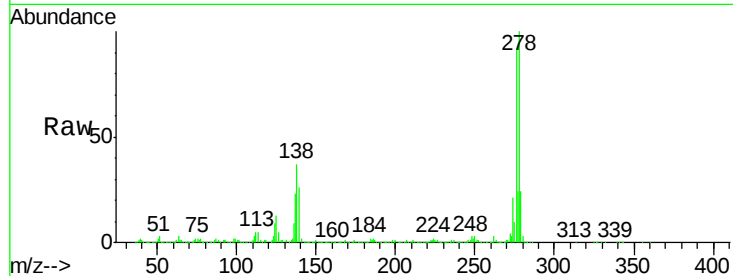
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.82 ng
 RT: 29.22 min Scan# 1361
 Delta R.T. 0.06 min
 Lab File: BB058567.D
 Acq: 29 Sep 2016 21:19

Instrument :
 BNA_B
 ClientSampled :
 SSTDICC060

Tot Ion:276 Resp: 3626038
 Ion Ratio Lower Upper
 276 100
 138 36.9 28.2 42.2
 277 25.2 20.2 30.4

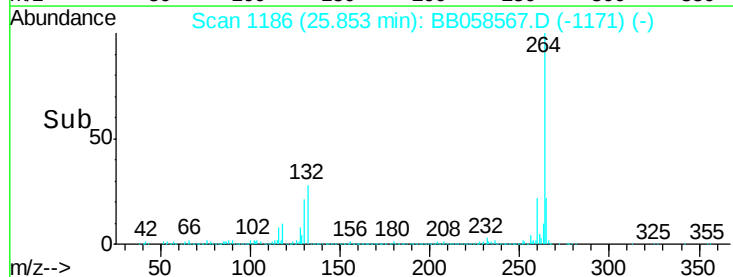
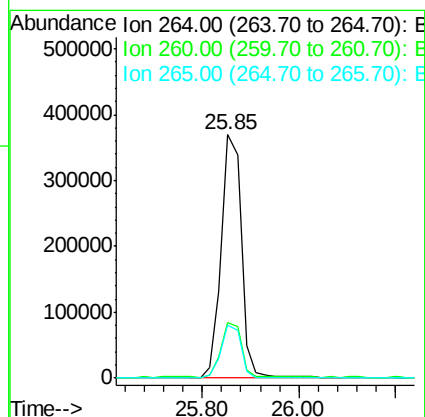
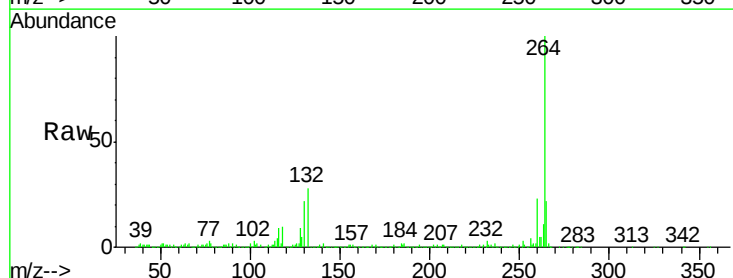
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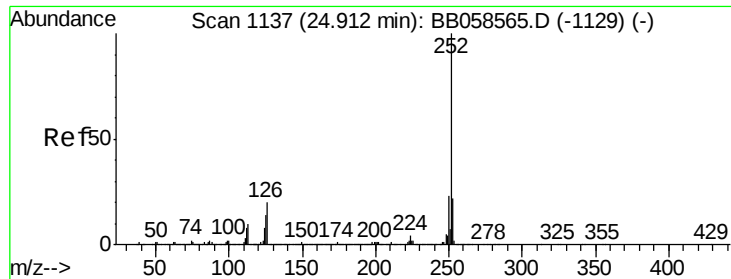
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.85 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BB058567.D
 Acq: 29 Sep 2016 21:19

Tgt Ion:264 Resp: 1072699
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 21.8 17.7 26.5





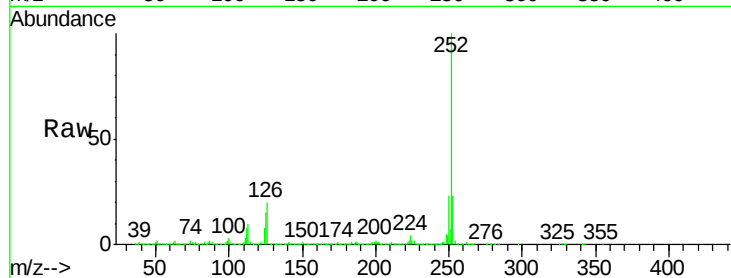
#87
Benzo(b)fluoranthene
Concen: 66.72 ng
RT: 24.93 min Scan# 1138
Delta R.T. 0.02 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Instrument :
BNA_B
ClientSampleId :
SSTDIC060

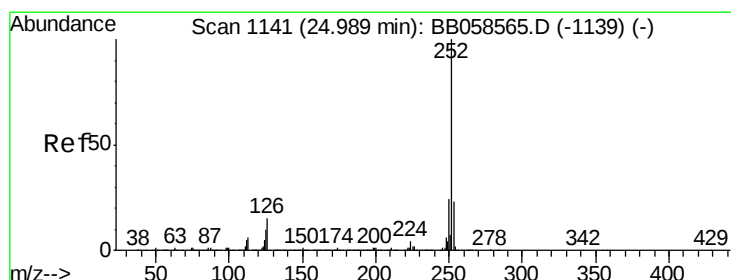
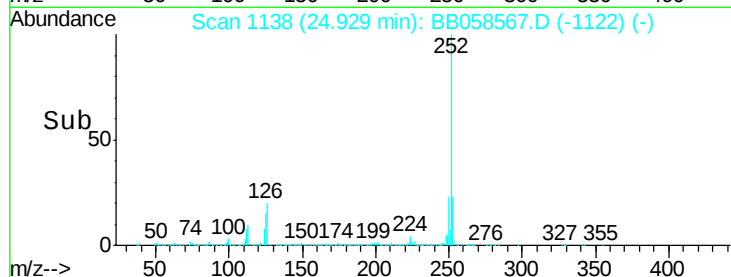
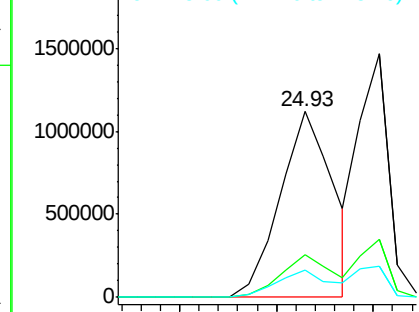
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	14.7	11.3	16.9

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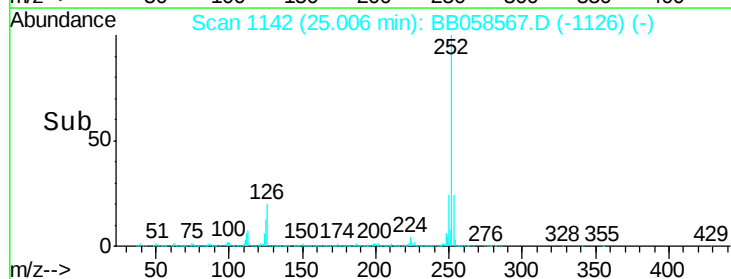
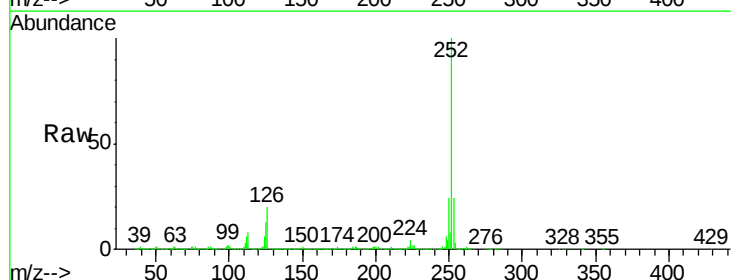
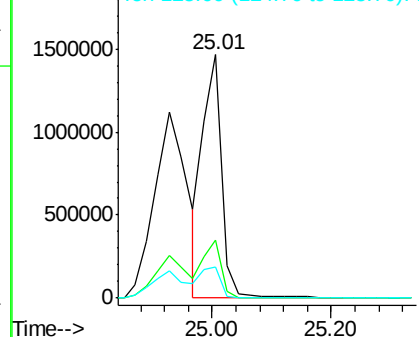
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

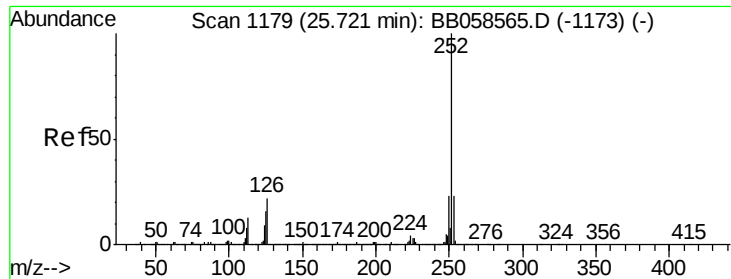


#88
Benzo(k)fluoranthene
Concen: 57.93 ng
RT: 25.01 min Scan# 1142
Delta R.T. 0.02 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	12.8	11.0	16.6

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





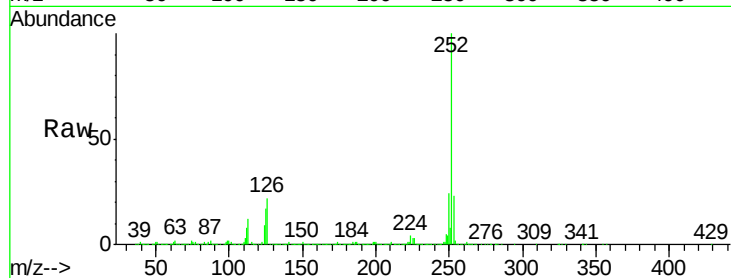
#89
Benzo(a)pyrene
Concen: 64.01 ng
RT: 25.74 min Scan# 1180
Delta R.T. 0.02 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Instrument :
BNA_B
ClientSampleId :
SSTDICC060

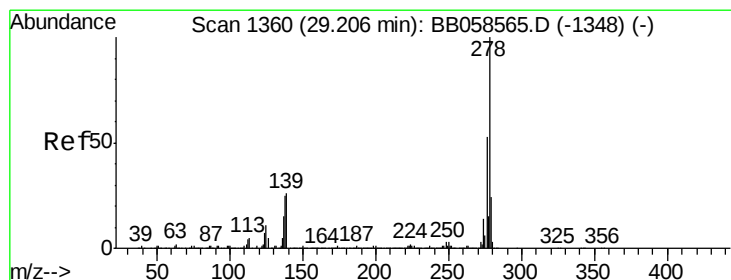
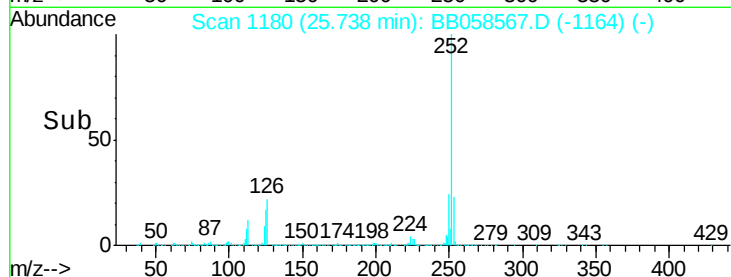
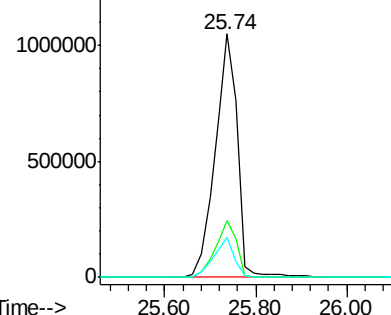
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	16.6	9.5	14.3

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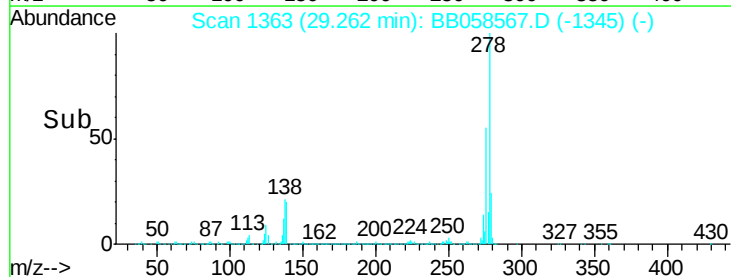
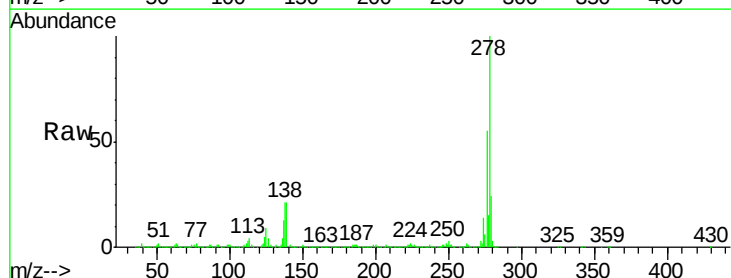
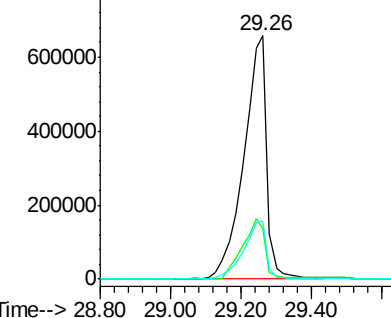
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

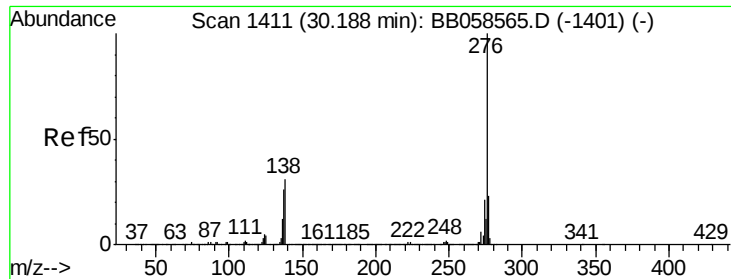


#90
Dibenzo(a,h)anthracene
Concen: 59.85 ng
RT: 29.26 min Scan# 1363
Delta R.T. 0.06 min
Lab File: BB058567.D
Acq: 29 Sep 2016 21:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	19.7	29.5
279	24.1	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: 56.40 ng

RT: 30.22 min Scan# 1413

Delta R.T. 0.04 min

Lab File: BB058567.D

Acq: 29 Sep 2016 21:19

Instrument :

BNA_B

ClientSampleId :

SSTDIC060

Tot Ion: 276 Resp: 2749735

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 29.5 22.0 33.0

Manual Integrations

APPROVED

sohil

9/30/2016 7:25:00 PM

