

Data Path : Z:\HPCHEM1\BNA B\DATA\BB093016\
 Data File : BB058566.D
 Acq On : 29 Sep 2016 20:38
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 SSTDICC050

Manual Integrations
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 9/30/2016 7:24:58 PM

Quant Time: Sep 30 10:18:33 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	528640	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	2026760	20.00	ng	0.00
38) Acenaphthene-d10	15.57	164	1015413	20.00	ng	0.00
63) Phenanthrene-d10	18.42	188	1752905	20.00	ng	0.00
75) Chrysene-d12	22.81	240	1674572	20.00	ng	0.02
86) Perylene-d12	25.87	264	1578562	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.08	112	3356350	102.99	ng	0.02
7) Phenol-d6	7.85	99	3895660	101.50	ng	0.04
23) Nitrobenzene-d5	9.91	82	4097640	101.27	ng	0.02
41) 2,4,6-Tribromophenol	17.13	330	1281146	113.08	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	5150198	94.21	ng	0.00
78) Terphenyl-d14	21.10	244	4803390	87.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.69	88	674831	54.63	ng	97
3) Pyridine	4.13	79	1736516	54.97	ng	98
4) n-Nitrosodimethylamine	4.08	42	1287291	53.60	ng	92
6) Aniline	7.99	93	2455805	50.67	ng	99
8) 2-Chlorophenol	8.24	128	1898753	50.11	ng	98
9) Benzaldehyde	7.74	77	997251	56.37	ng	94
10) Phenol	7.87	94	2045442	51.80	ng	98
11) bis(2-Chloroethyl)ether	8.06	93	1776703	51.04	ng	92
12) 1,3-Dichlorobenzene	8.56	146	1936754	50.08	ng	98
13) 1,4-Dichlorobenzene	8.72	146	1996745	50.40	ng	98
14) 1,2-Dichlorobenzene	9.06	146	1852441	50.26	ng	98
15) Benzyl Alcohol	8.95	79	1466227	50.98	ng	98
16) 2,2'-oxybis(1-Chloropropan	9.26	45	3137790	50.75	ng	99
17) 2-Methylphenol	9.18	107	1381659	50.93	ng	97
18) Hexachloroethane	9.83	117	879435	50.21	ng	94
19) n-Nitroso-di-n-propylamine	9.58	70	1458758	51.91	ng	97
20) 3+4-Methylphenols	9.55	107	1759547	50.40	ng	# 87
22) Acetophenone	9.56	105	2260491	50.63	ng	# 95
24) Nitrobenzene	9.95	77	2034870	50.27	ng	91
25) Isophorone	10.53	82	3969386	50.57	ng	98
26) 2-Nitrophenol	10.70	139	1229683	49.74	ng	94
27) 2,4-Dimethylphenol	10.78	122	1745842	50.81	ng	98
28) bis(2-Chloroethoxy)methane	11.01	93	2053567	49.25	ng	99
29) 2,4-Dichlorophenol	11.28	162	1589041	49.48	ng	97
30) 1,2,4-Trichlorobenzene	11.49	180	1572304	48.23	ng	97
31) Naphthalene	11.68	128	4392270	45.41	ng	100
32) Benzoic acid	11.12	122	1262410	57.35	ng	96
33) 4-Chloroaniline	11.78	127	2161868	50.03	ng	96
34) Hexachlorobutadiene	12.03	225	844411	49.90	ng	97
35) Caprolactam	12.70	113	660487m	55.14	ng	
36) 4-Chloro-3-methylphenol	12.99	107	1779189	52.26	ng	97
37) 2-Methylnaphthalene	13.34	142	2982672	47.66	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	1417446	57.31	ng	99
40) Hexachlorocyclopentadiene	13.74	237	745099	55.13	ng	97

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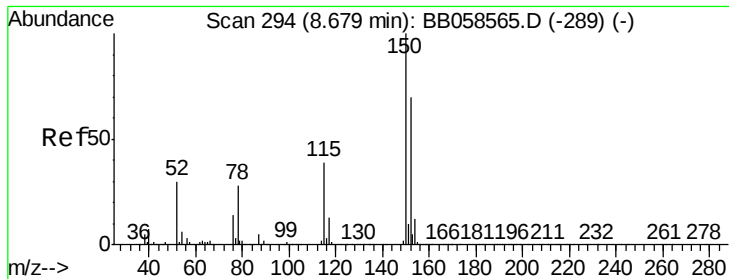
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA B\METHOD\8270-BB093016.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	1080495	54.32	nq	96
43) 2,4,5-Trichlorophenol	14.07	196	1166166	58.59	nq #	93
45) 1,1'-Biphenyl	14.38	154	3433494	48.10	nq	98
46) 2-Chloronaphthalene	14.42	162	3027044	55.94	nq	98
47) 2-Nitroaniline	14.61	65	1249271	59.38	nq	90
48) Acenaphthylene	15.30	152	4731814	56.04	nq	99
49) Dimethylphthalate	15.03	163	3365426	50.16	nq	97
50) 2,6-Dinitrotoluene	15.13	165	1041106	53.96	nq #	76
51) Acenaphthene	15.65	154	3083210	54.46	nq	99
52) 3-Nitroaniline	15.48	138	1200148	59.41	nq	91
53) 2,4-Dinitrophenol	15.69	184	776750	59.25	nq #	70
54) Dibenzofuran	16.00	168	3790624	52.85	nq	92
55) 4-Nitrophenol	15.82	139	1034928	59.28	nq	98
56) 2,4-Dinitrotoluene	15.96	165	1374069	54.37	nq #	72
57) Fluorene	16.67	166	3131727	55.17	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.25	232	897134	60.37	nq	99
59) Diethylphthalate	16.44	149	3655462	53.58	nq	97
60) 4-Chlorophenyl-phenylether	16.65	204	1437098	52.16	nq	94
61) 4-Nitroaniline	15.48	138	1200148	59.41	nq	91
62) Azobenzene	16.96	77	4094901	59.46	nq	89
64) 4,6-Dinitro-2-methylphenol	16.77	198	919527	49.89	nq #	55
65) n-Nitrosodiphenylamine	16.88	169	2831308	48.07	nq	99
66) 4-Bromophenyl-phenylether	17.58	248	910111	48.00	nq #	89
67) Hexachlorobenzene	17.75	284	1249742	54.10	nq #	77
68) Atrazine	17.86	200	978346	51.92	nq	98
69) Pentachlorophenol	18.08	266	801416	54.32	nq	99
70) Phenanthrene	18.48	178	4400322	48.24	nq	99
71) Anthracene	18.58	178	4576196	50.39	nq	98
72) Carbazole	18.83	167	4611143	52.49	nq	97
73) Di-n-butylphthalate	19.40	149	5402772	46.92	nq	96
74) Fluoranthene	20.52	202	4112052	47.83	nq	97
76) Benzidine	20.69	184	2771605	57.52	nq	96
77) Pyrene	20.91	202	4687124	51.37	nq	98
79) Butylbenzylphthalate	21.79	149	2910701	45.06	nq	93
80) Benzo(a)anthracene	22.77	228	4161279	48.30	nq	99
81) 3,3'-Dichlorobenzidine	22.70	252	1601107	49.32	nq #	98
82) Chrysene	22.85	228	3834566	46.72	nq	97
83) Bis(2-ethylhexyl)phthalate	22.68	149	3548794	42.95	nq	97
84) Di-n-octyl phthalate	23.85	149	6861995	46.59	nq	99
85) Indeno(1,2,3-cd)pyrene	29.26	276	4447285	47.70	nq	99
87) Benzo(b)fluoranthene	24.95	252	4818012	51.48	nq	98
88) Benzo(k)fluoranthene	25.01	252	3875947	47.31	nq	99
89) Benzo(a)pyrene	25.76	252	4251425	51.96	nq	99
90) Dibenzo(a,h)anthracene	29.26	278	3696127	50.07	nq	99
91) Benzo(g,h,i)perylene	30.25	276	3379254	47.10	nq	98

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



#1

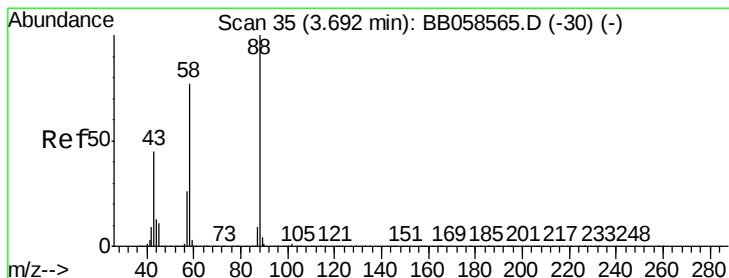
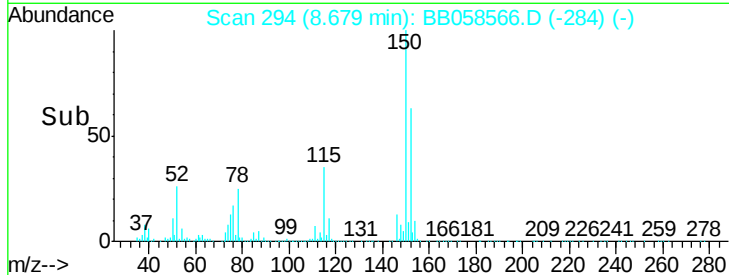
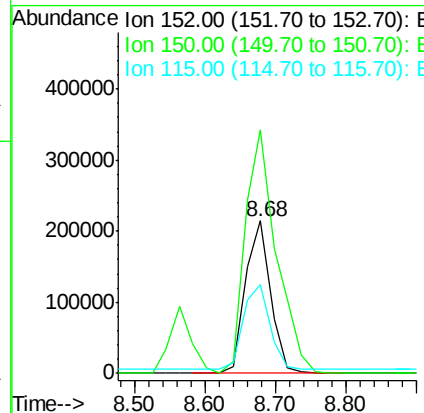
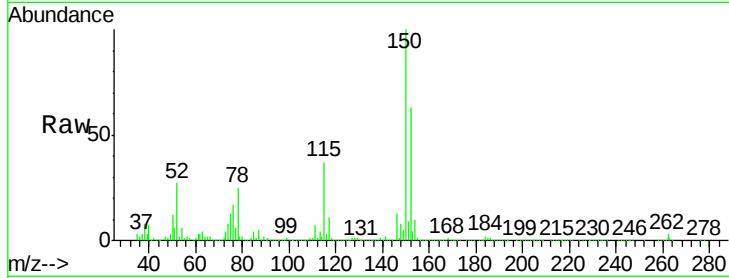
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.68 min Scan# 294
Delta R.T. -0.00 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_B
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	122.9	184.3
115	58.4	48.5	72.7

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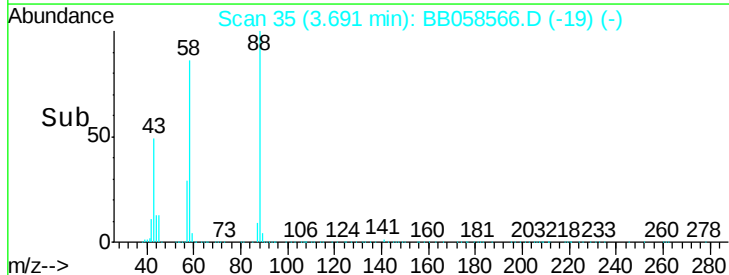
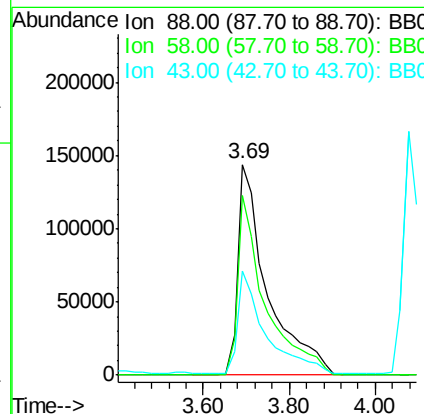
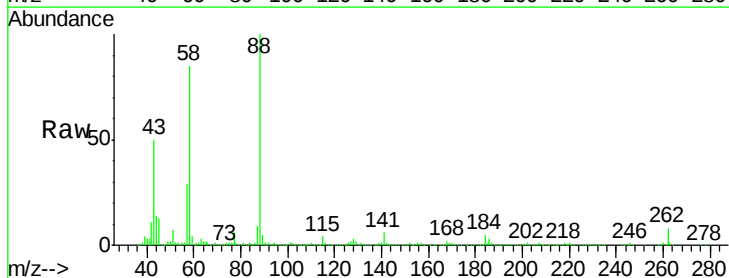
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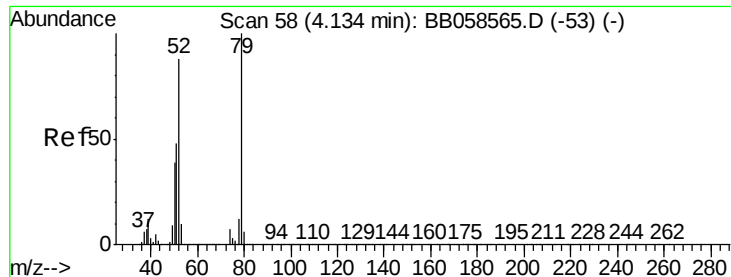


#2

1,4-Dioxane
Concen: 54.63 ng
RT: 3.69 min Scan# 35
Delta R.T. -0.00 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.9	62.6	93.8
43	46.8	36.5	54.7





#3

Pvridine

Concen: 54.97 ng

RT: 4.13 min Scan# 58

Delta R.T. -0.00 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Instrument :

BNA_B

ClientSampleId :

SSTDICC050

Tot Ion: 79 Resp: 1736516

Ion Ratio Lower Upper

79 100

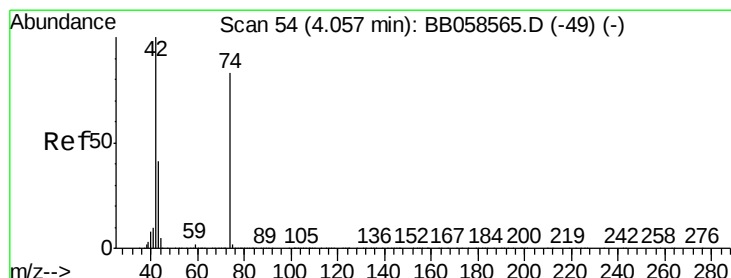
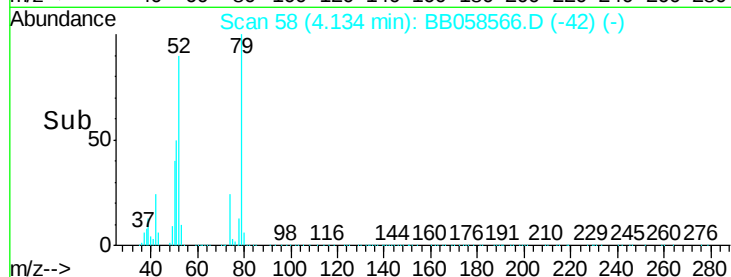
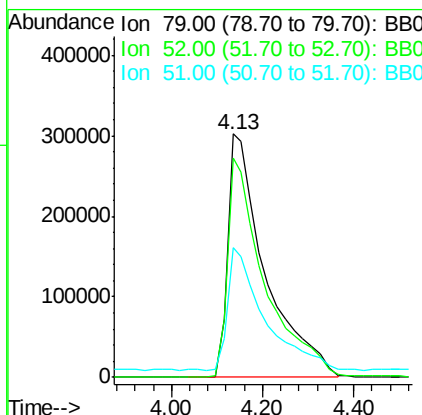
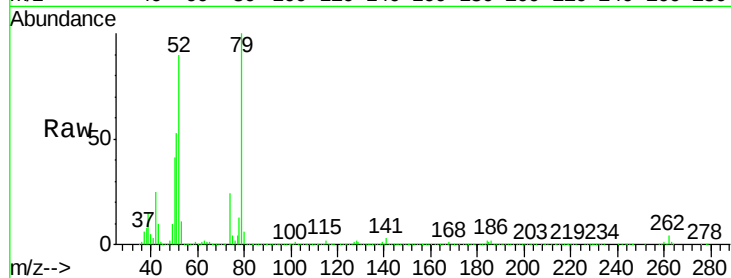
52 89.9 69.4 104.2

51 53.1 42.7 64.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 53.60 ng

RT: 4.08 min Scan# 55

Delta R.T. 0.02 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

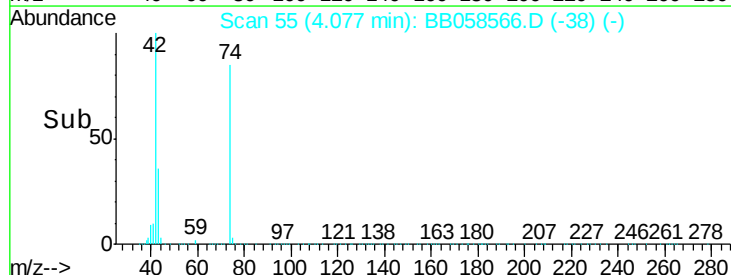
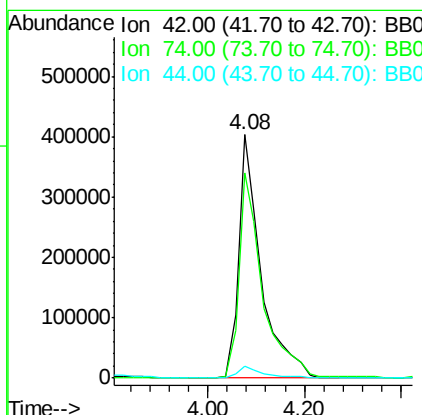
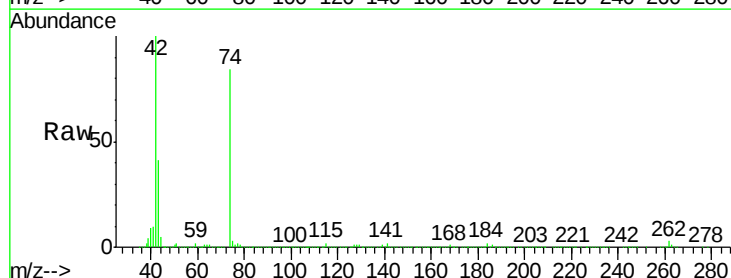
Tgt Ion: 42 Resp: 1287291

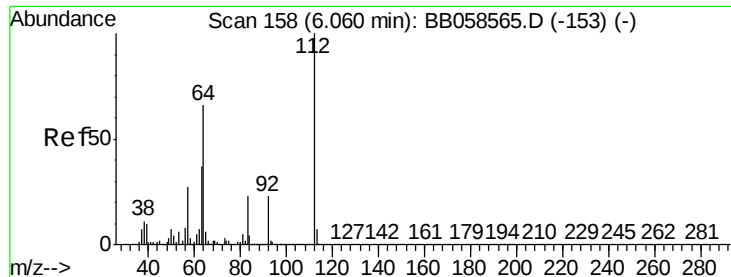
Ion Ratio Lower Upper

42 100

74 84.1 73.5 110.3

44 4.8 4.1 6.1





#5

2-Fluorophenol

Concen: 102.99 ng

RT: 6.08 min Scan# 159

Delta R.T. 0.02 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Instrument :

BNA_B

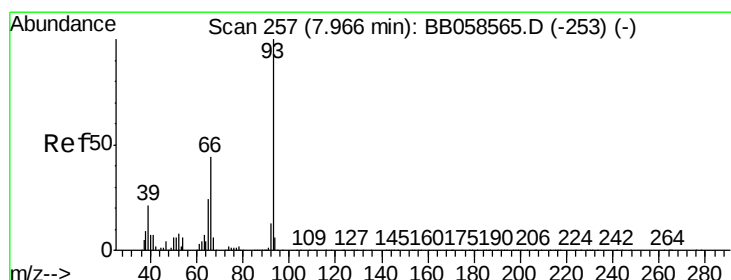
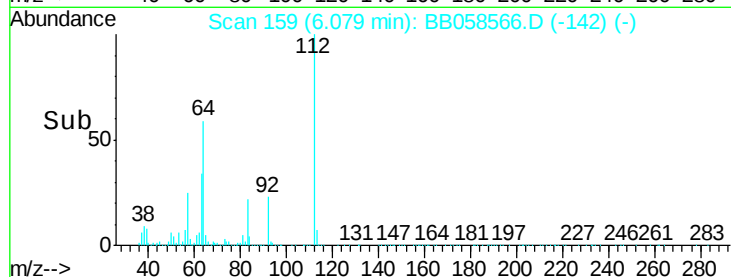
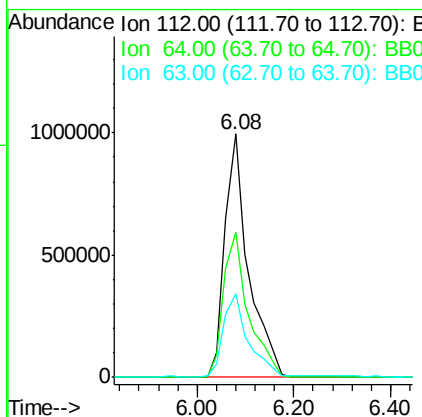
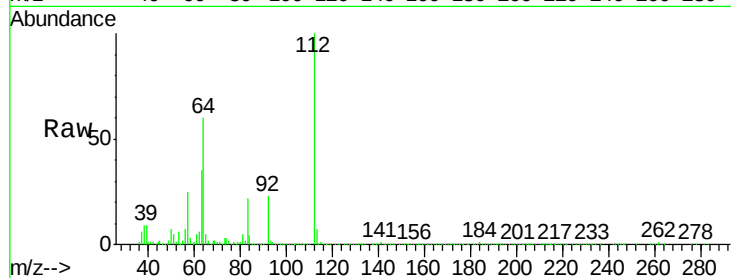
ClientSampled :

SSTDICC050

Tot Ion:	112	Resp:	3356350
Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.7	70.1
63	34.6	27.0	40.6

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#6

Aniline

Concen: 50.67 ng

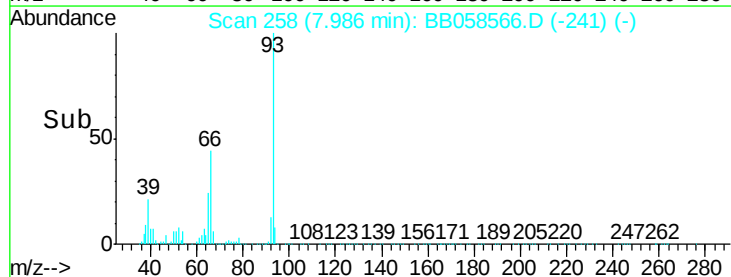
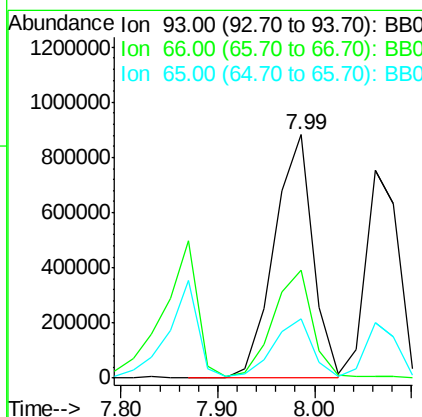
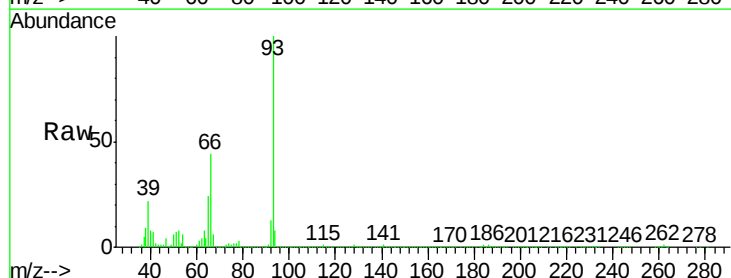
RT: 7.99 min Scan# 258

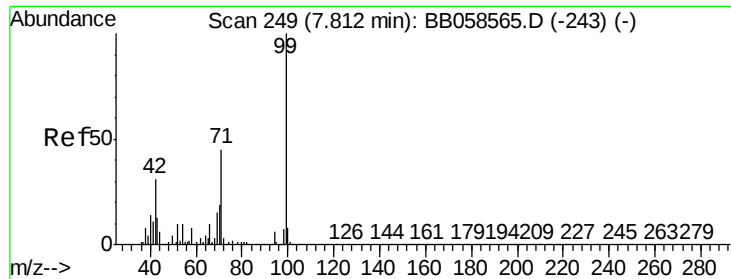
Delta R.T. 0.02 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Tgt Ion:	93	Resp:	2455805
Ion	Ratio	Lower	Upper
93	100		
66	44.4	34.7	52.1
65	24.2	19.0	28.6





#7

Phenol-d6

Concen: 101.50 ng

RT: 7.85 min Scan# 251

Delta R.T. 0.04 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Instrument :

BNA_B

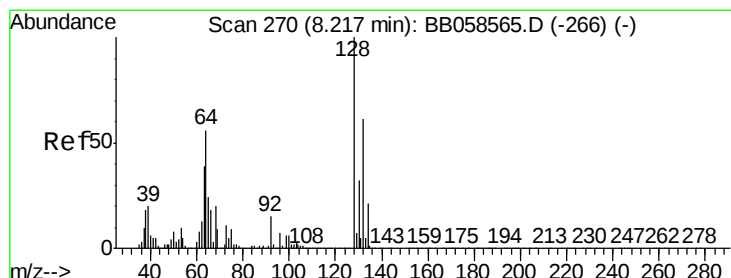
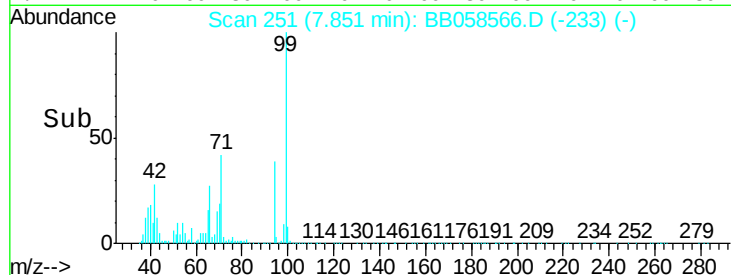
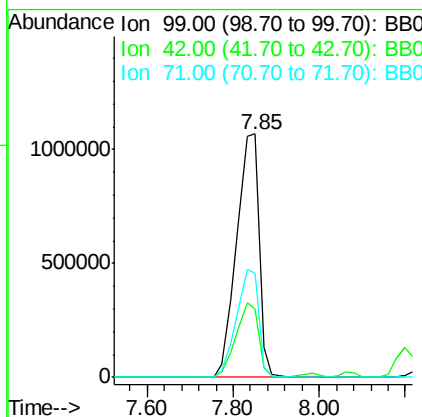
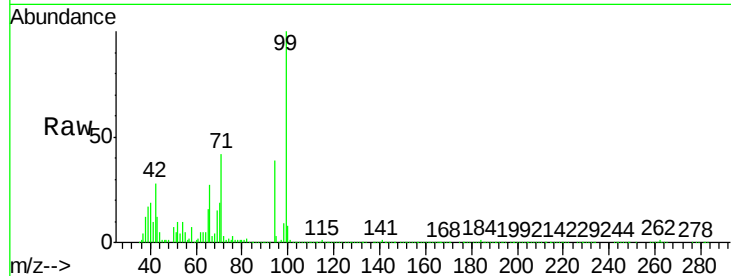
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Tot Ion:	99	Resp:	3895660
Ion	Ratio	Lower	Upper
99	100		
42	27.8	22.0	33.0
71	42.5	34.5	51.7

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#8

2-Chlorophenol

Concen: 50.11 ng

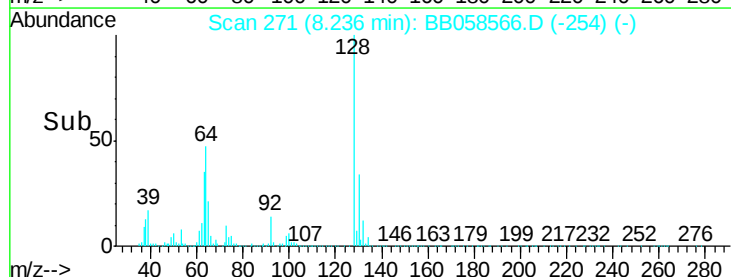
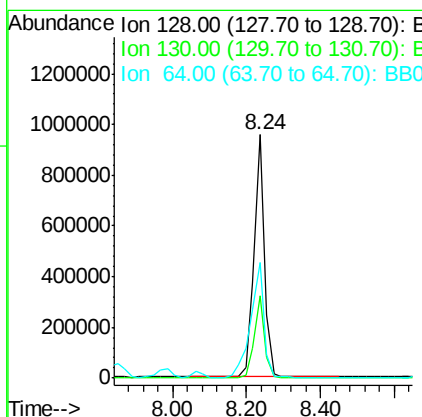
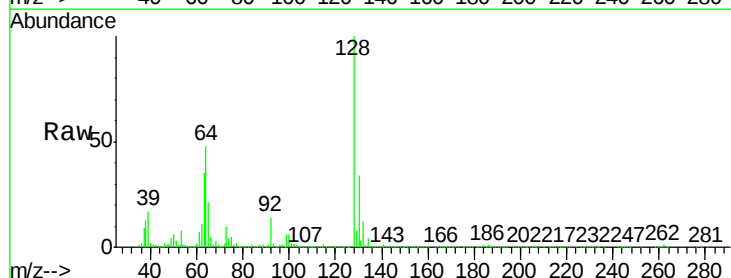
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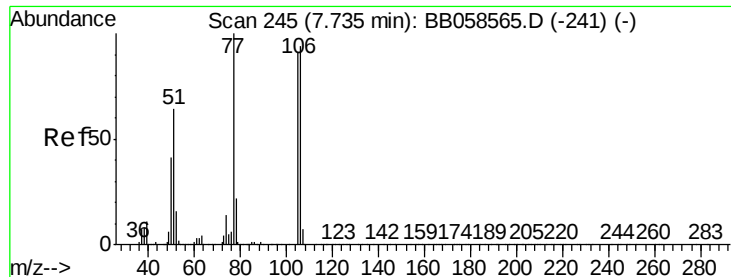
Delta R.T. 0.02 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Tgt Ion:	128	Resp:	1898753
Ion	Ratio	Lower	Upper
128	100		
130	33.7	13.0	53.0
64	47.6	29.6	69.6





#9

Benzaldehyde

Concen: 56.37 ng

RT: 7.74 min Scan# 245

Delta R.T. -0.00 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Instrument :

BNA_B

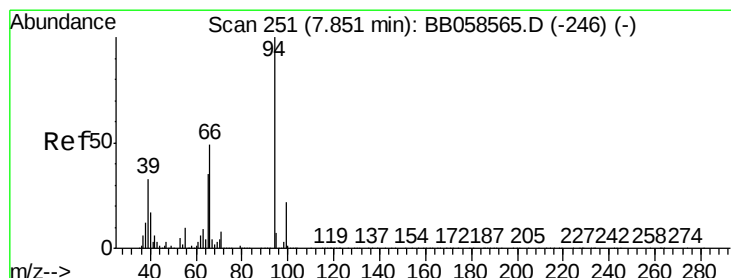
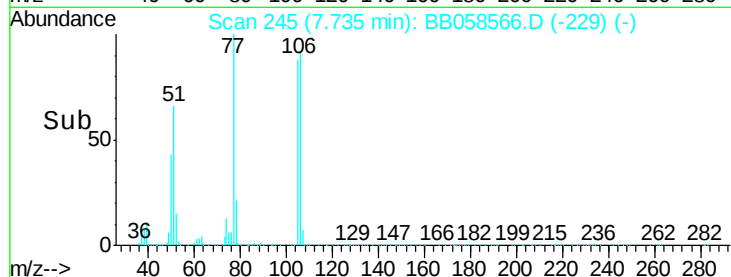
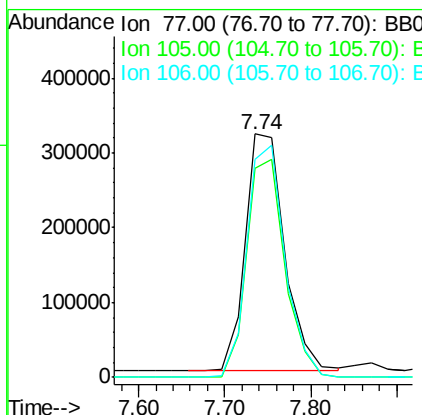
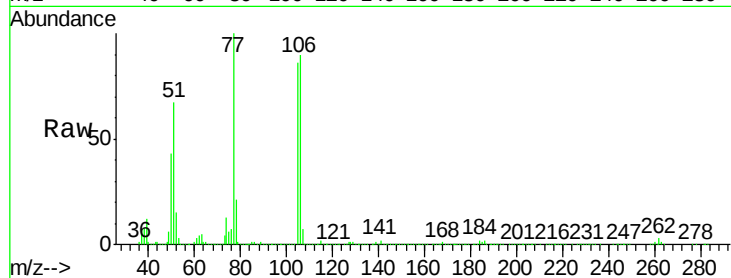
ClientSampleId :

SSTDIC050

Tot Ion:	77	Resp:	997251
Ion Ratio	Lower	Upper	
77	100		
105	85.8	71.9	111.9
106	89.6	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 51.80 ng

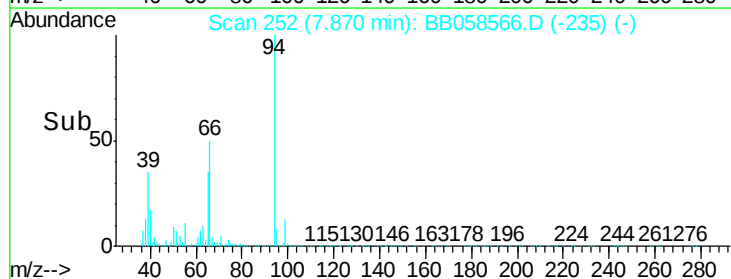
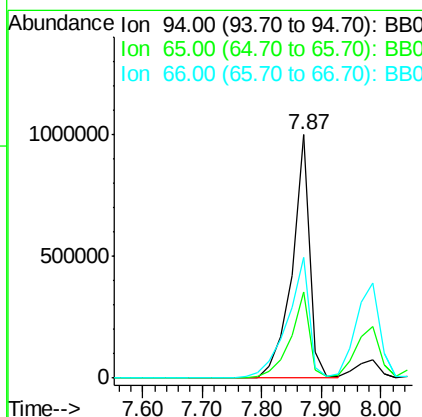
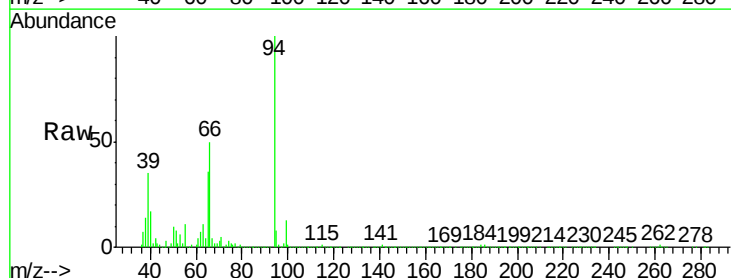
RT: 7.87 min Scan# 252

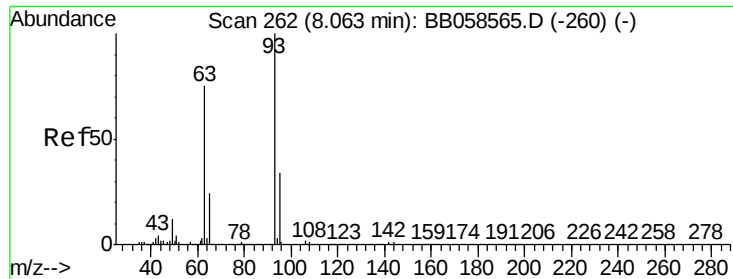
Delta R.T. 0.02 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Tgt Ion:	94	Resp:	2045442
Ion Ratio	Lower	Upper	
94	100		
65	35.5	16.4	56.4
66	49.7	31.6	71.6





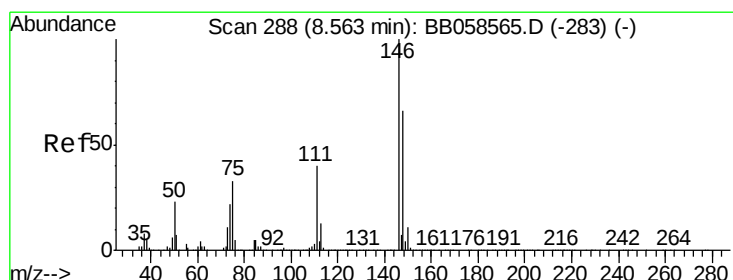
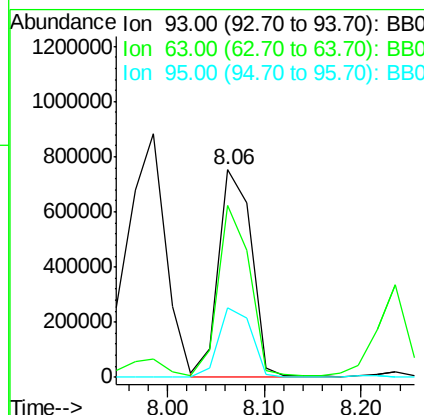
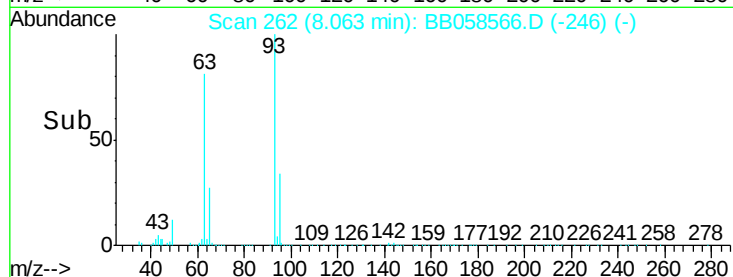
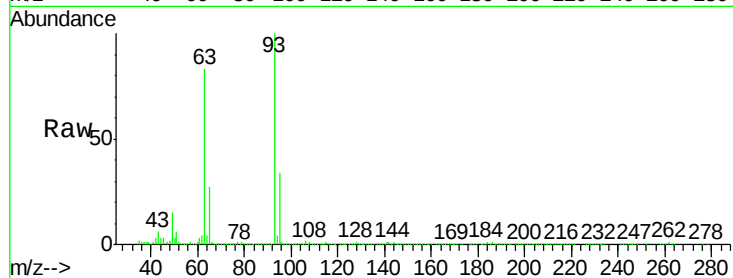
#11
bis(2-Chloroethyl)ether
Concen: 51.04 ng
RT: 8.06 min Scan# 262
Delta R.T. -0.00 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_B
ClientSampleId :
SSTDIC050

Tot Ion:	93	Resp:	1776703
Ion	Ratio	Lower	Upper
93	100		
63	82.9	53.6	93.6
95	33.7	14.7	54.7

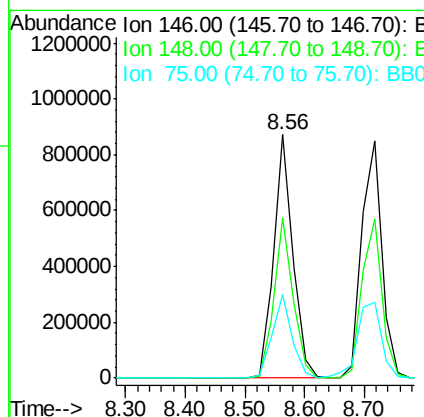
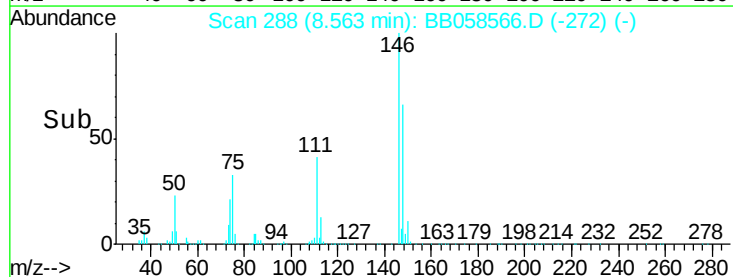
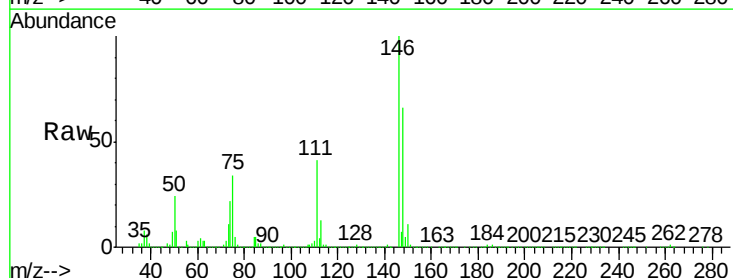
Manual Integrations
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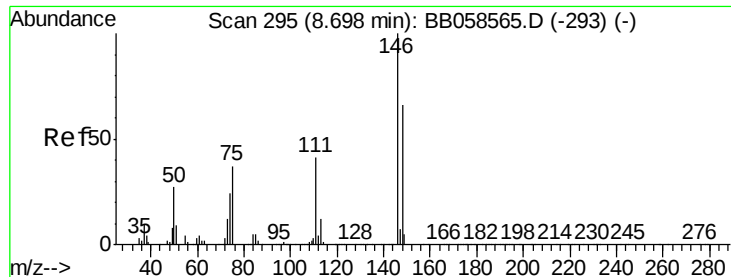
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#12
1,3-Dichlorobenzene
Concen: 50.08 ng
RT: 8.56 min Scan# 288
Delta R.T. -0.00 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tgt Ion:	146	Resp:	1936754
Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.5	78.7
75	34.4	29.7	44.5





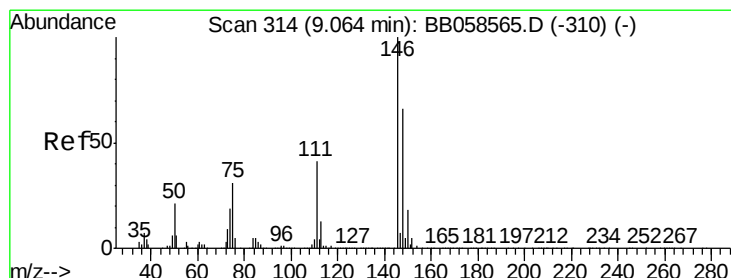
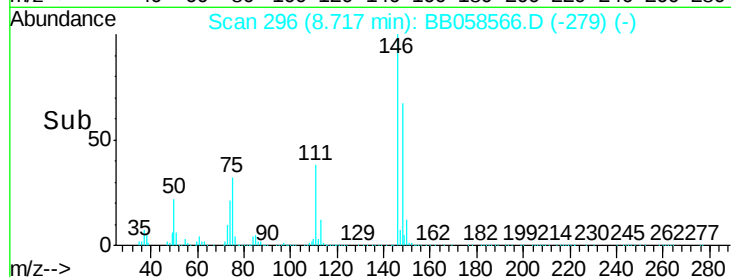
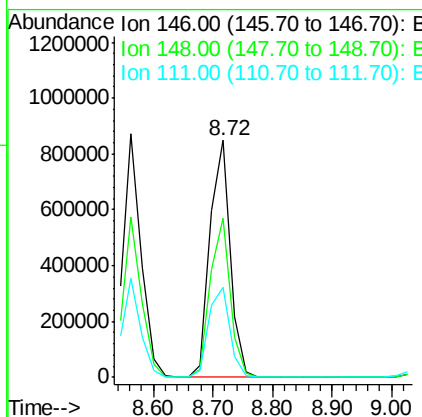
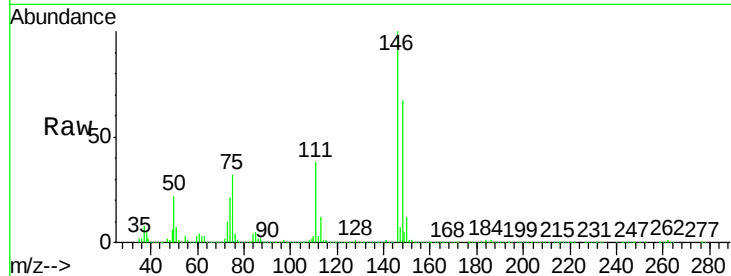
#13
 1,4-Dichlorobenzene
 Concen: 50.40 ng
 RT: 8.72 min Scan# 296
 Delta R.T. 0.02 min
 Lab File: BB058566.D
 Acq: 29 Sep 2016 20:38

Instrument :
 BNA_B
 ClientSampled :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.1	53.4	80.0
111	37.9	32.0	48.0

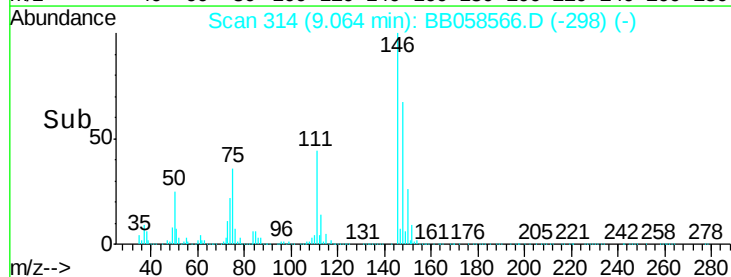
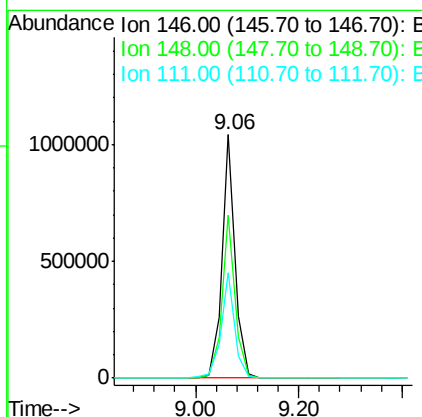
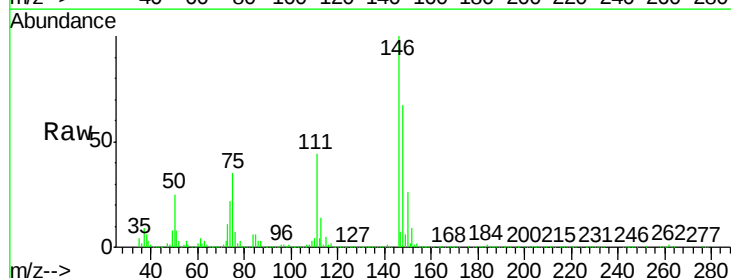
Manual Integrations
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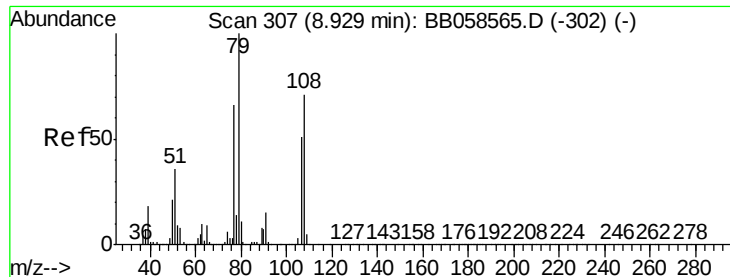
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#14
 1,2-Dichlorobenzene
 Concen: 50.26 ng
 RT: 9.06 min Scan# 314
 Delta R.T. -0.00 min
 Lab File: BB058566.D
 Acq: 29 Sep 2016 20:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	53.6	80.4
111	43.5	37.4	56.0





#15

Benzyl Alcohol

Concen: 50.98 ng

RT: 8.95 min Scan# 308

Delta R.T. 0.02 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Instrument :

BNA_B

ClientSampled :

SSTDIC050

Tot Ion: 79 Resp: 1466227

Ion Ratio Lower Upper

79 100

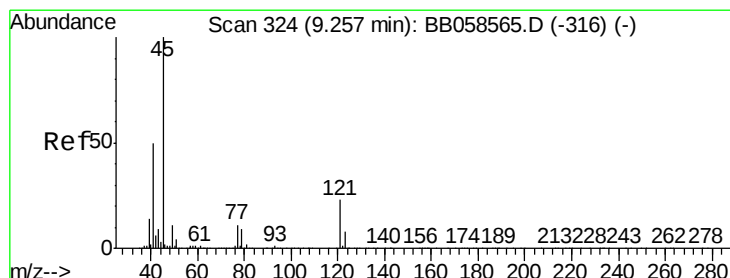
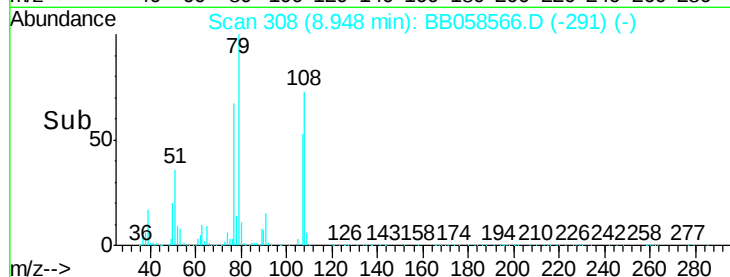
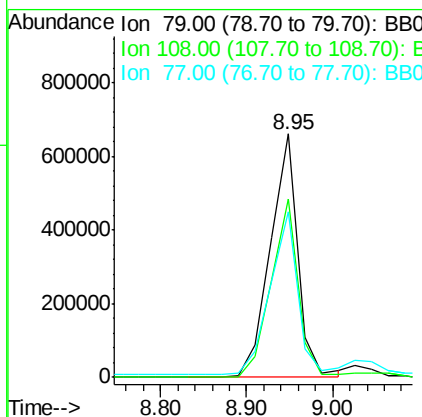
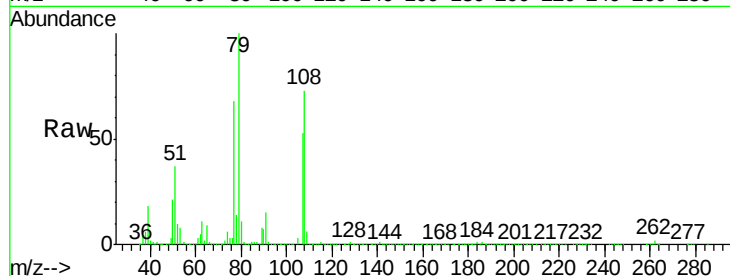
108 73.1 58.6 87.8

77 68.2 56.9 85.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.75 ng

RT: 9.26 min Scan# 324

Delta R.T. -0.00 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

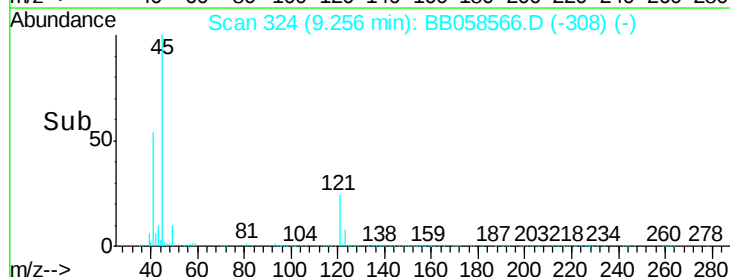
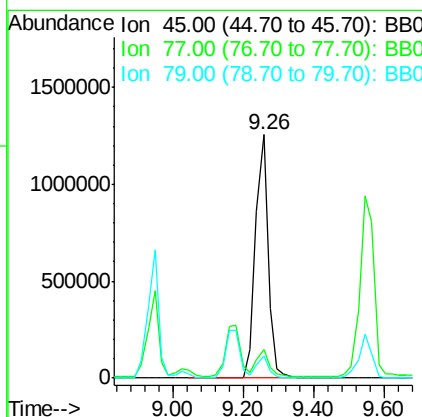
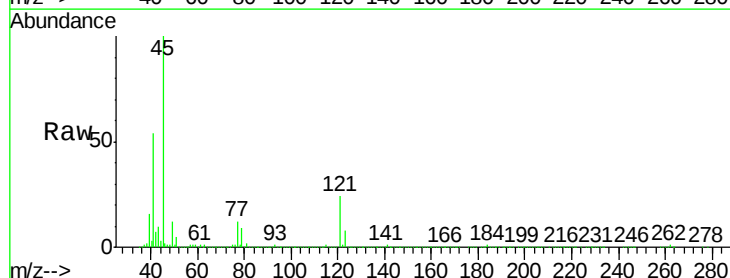
Tgt Ion: 45 Resp: 3137790

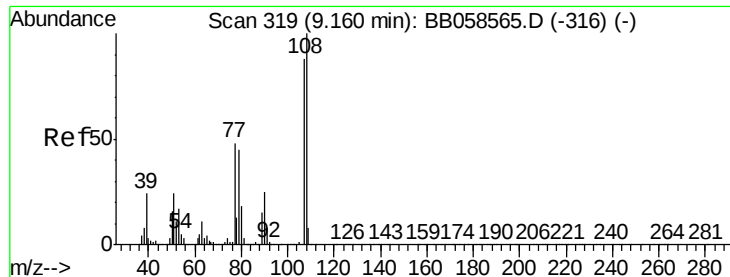
Ion Ratio Lower Upper

45 100

77 11.9 0.0 32.3

79 9.3 0.0 28.9





#17

2-Methylphenol

Concen: 50.93 ng

RT: 9.18 min Scan# 320

Delta R.T. 0.02 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Instrument :

BNA_B

ClientSampleId :

SSTDICC050

Tot Ion:107 Resp: 1381659

Ion Ratio Lower Upper

107 100

108 112.3 92.0 138.0

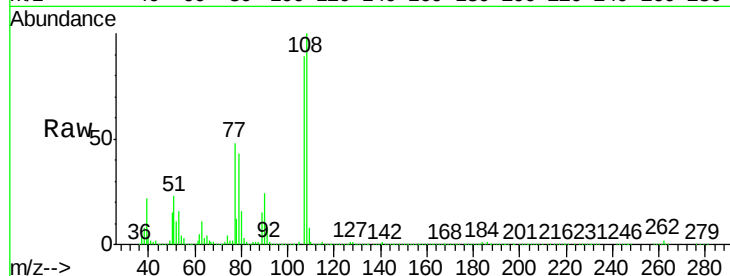
77 53.5 44.9 67.3

79 48.2 40.5 60.7

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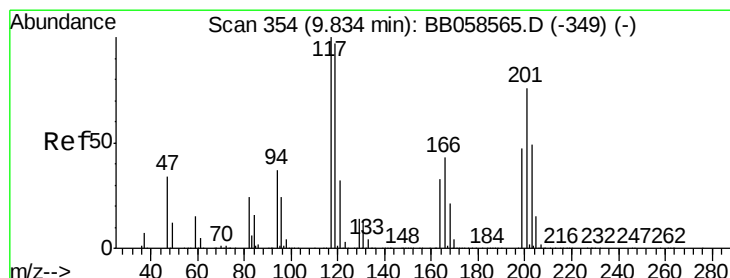
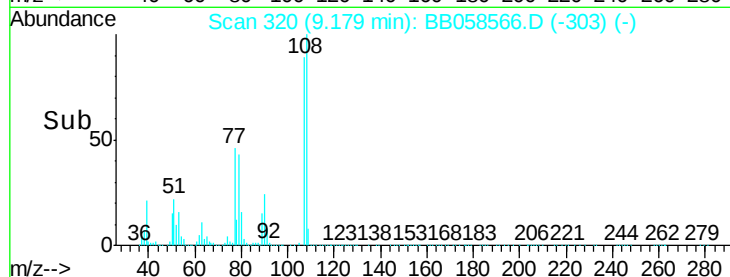
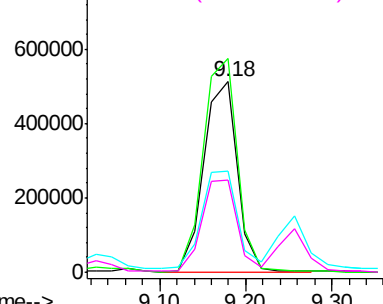


Abundance Ion 107.00 (106.70 to 107.70): E

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: 50.21 ng

RT: 9.83 min Scan# 354

Delta R.T. -0.00 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

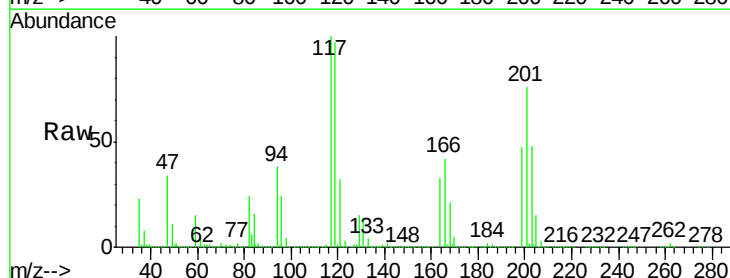
Tgt Ion:117 Resp: 879435

Ion Ratio Lower Upper

117 100

119 96.9 78.5 117.7

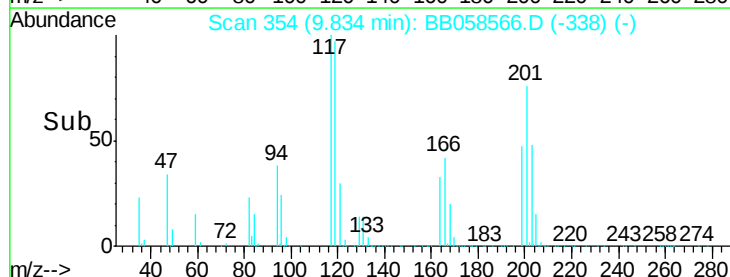
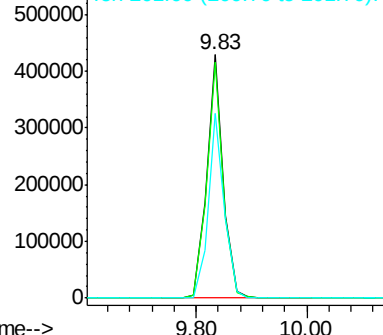
201 75.7 68.8 103.2

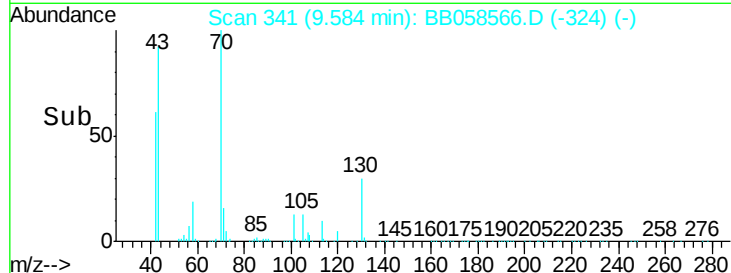
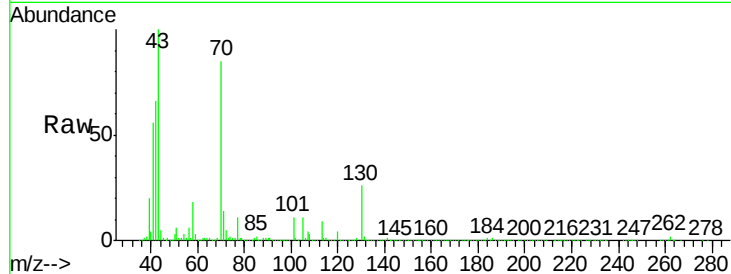
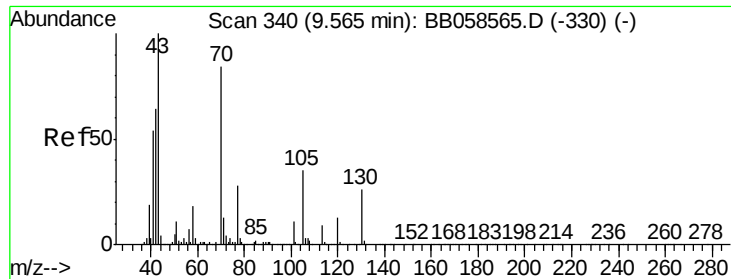


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





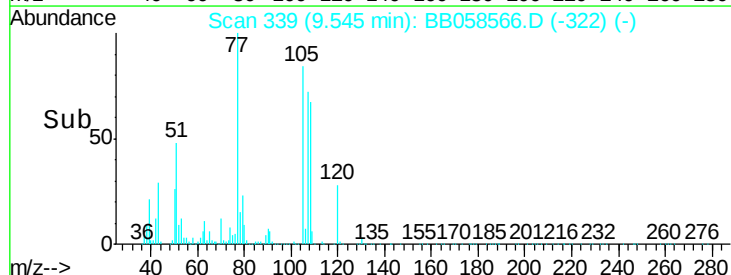
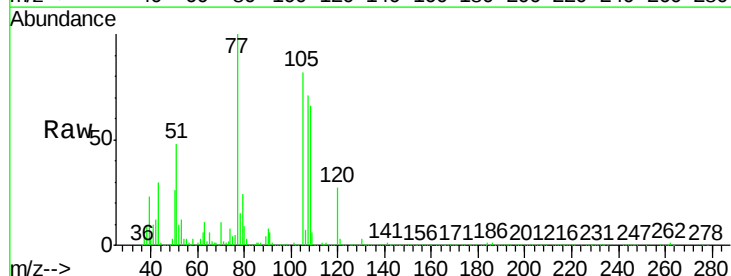
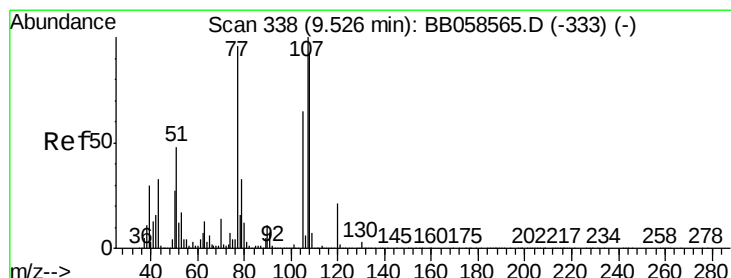
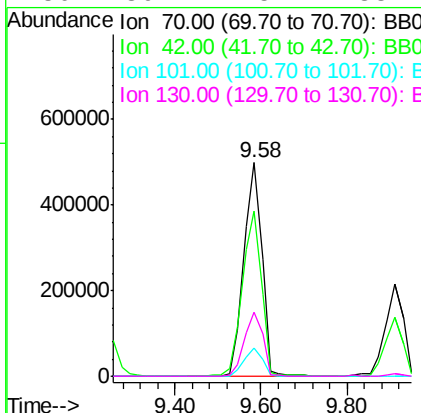
#19
n-Nitroso-di-n-propylamine
Concen: 51.91 ng
RT: 9.58 min Scan# 341
Delta R.T. 0.02 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tot Ion	Ratio	Lower	Upper
70	100		
42	77.4	59.7	89.5
101	13.4	10.7	16.1
130	30.2	25.4	38.2

Instrument :
BNA_B
ClientSampleId :
SSTDIC050

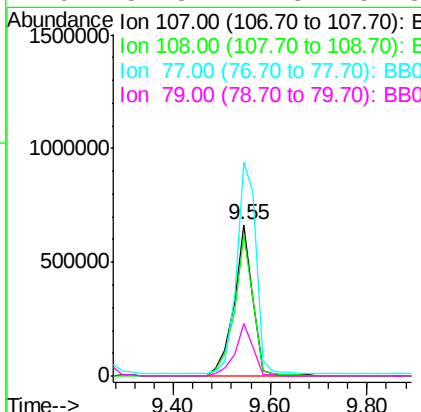
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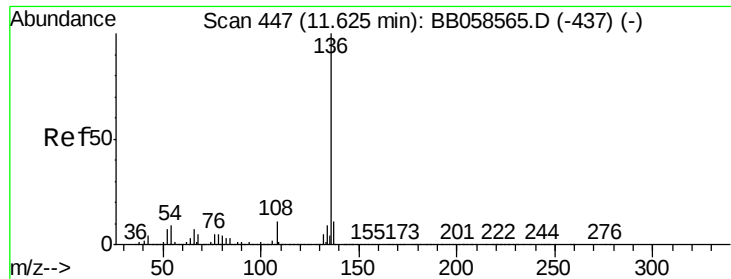
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#20
3+4-Methylphenols
Concen: 50.40 ng
RT: 9.55 min Scan# 339
Delta R.T. 0.02 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.3	70.4	110.4
77	141.0	96.1	136.1#
79	34.3	12.8	52.8





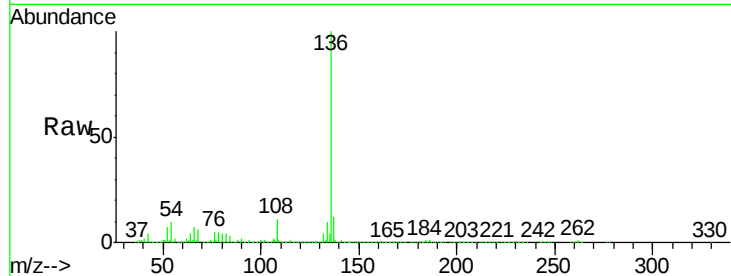
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.63 min Scan# 447
Delta R.T. -0.00 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_B
ClientSampled :
SSTDIC050

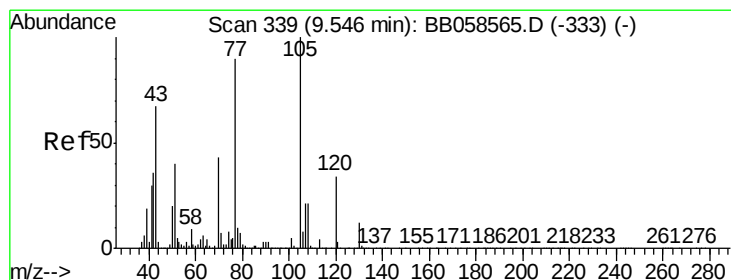
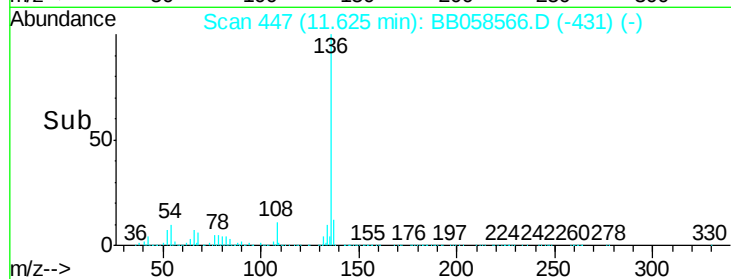
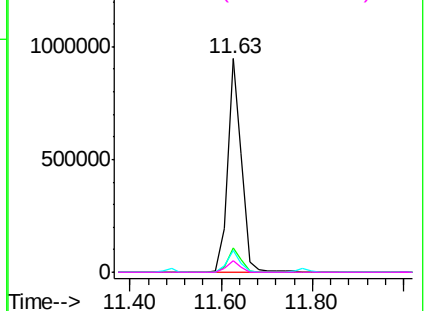
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	10.0	6.4	9.6
68	5.6	3.7	5.5

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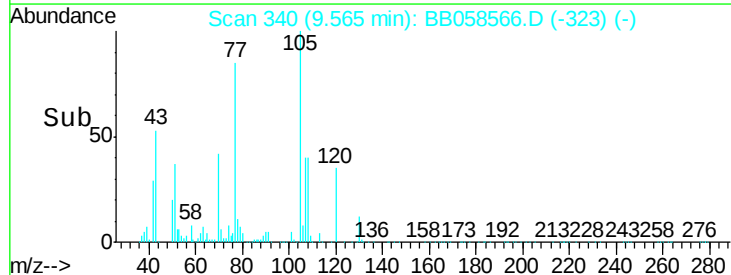
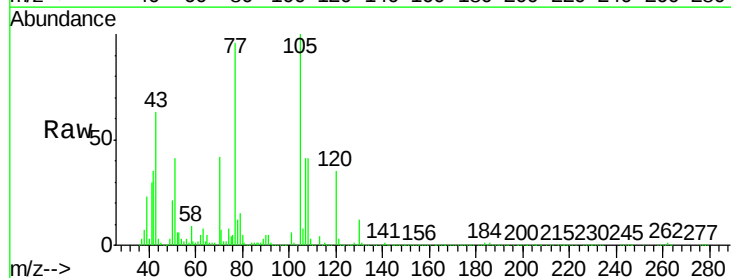
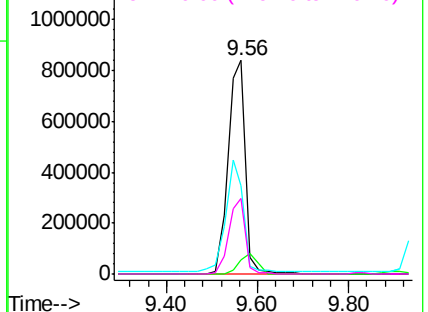
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BB0
Ion 68.00 (67.70 to 68.70): BB0

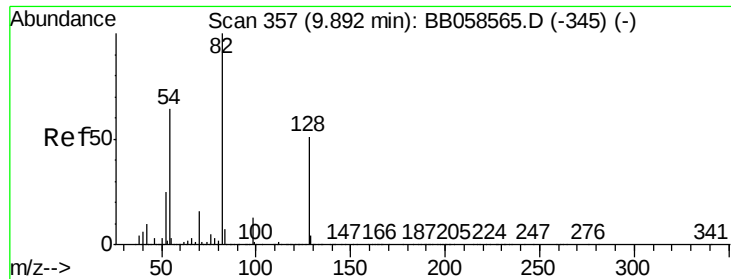


#22
Acetophenone
Concen: 50.63 ng
RT: 9.56 min Scan# 340
Delta R.T. 0.02 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.6	3.6	5.4
51	41.5	37.3	55.9
120	35.2	27.4	41.0

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BB0
Ion 51.00 (50.70 to 51.70): BB0
Ion 120.00 (119.70 to 120.70): E





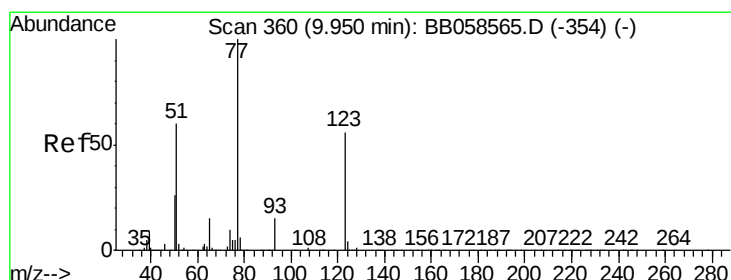
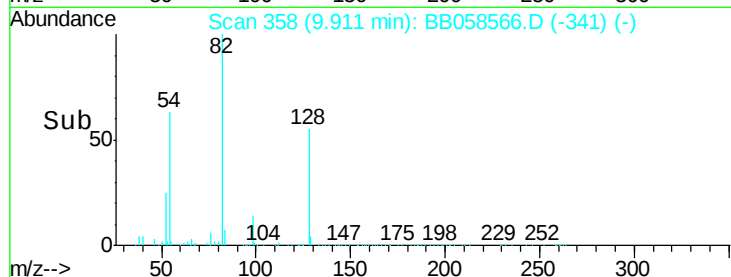
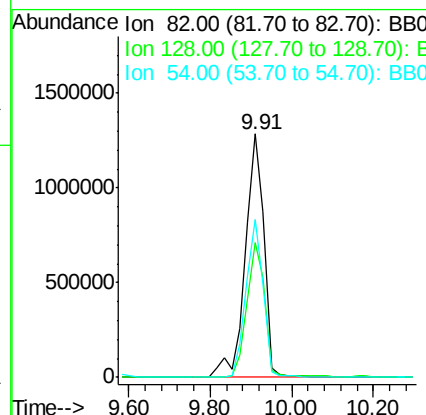
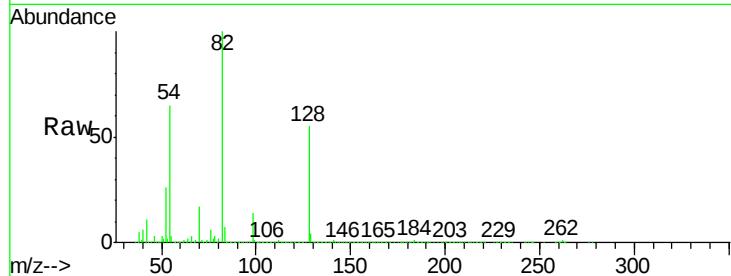
#23
 Nitrobenzene-d5
 Concen: 101.27 ng
 RT: 9.91 min Scan# 358
 Delta R.T. 0.02 min
 Lab File: BB058566.D
 Acq: 29 Sep 2016 20:38

Instrument :
 BNA_B
 ClientSampleId :
 SSTDICC050

Tot Ion	82	Resp	4097640
Ion	Ratio	Lower	Upper
82	100		
128	55.2	48.4	72.6
54	64.7	47.8	71.8

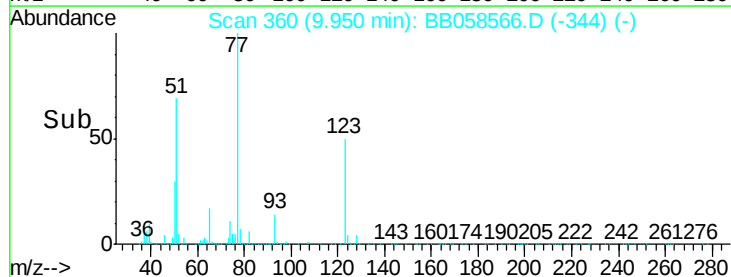
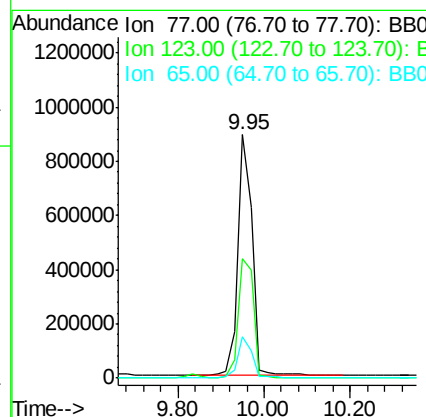
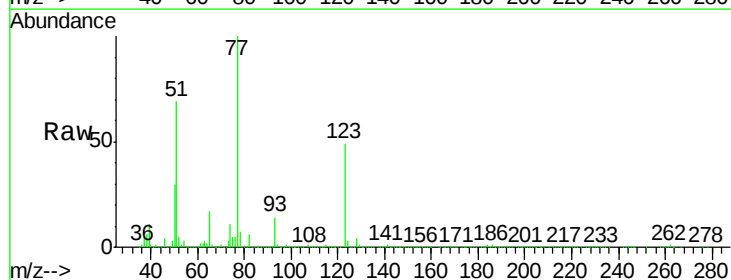
Manual Integrations
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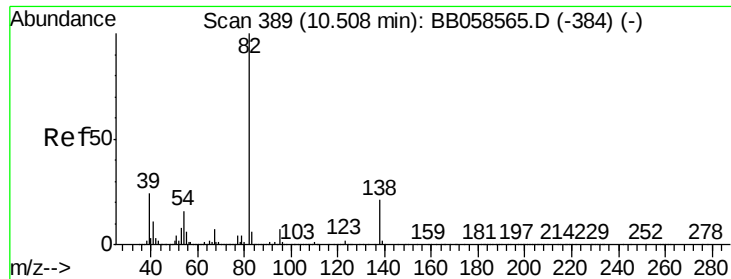
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#24
 Nitrobenzene
 Concen: 50.27 ng
 RT: 9.95 min Scan# 360
 Delta R.T. -0.00 min
 Lab File: BB058566.D
 Acq: 29 Sep 2016 20:38

Tgt Ion	77	Resp	2034870
Ion	Ratio	Lower	Upper
77	100		
123	48.9	46.2	69.2
65	16.9	13.3	19.9





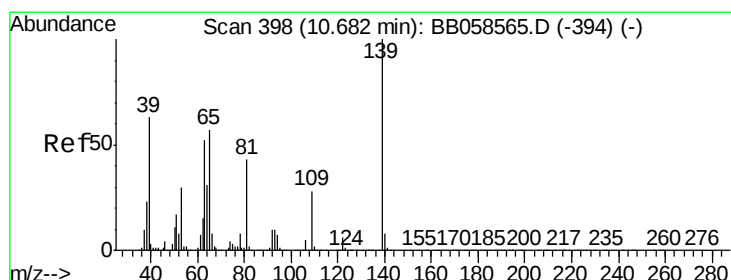
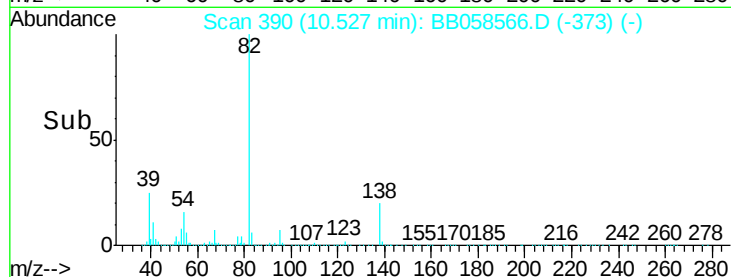
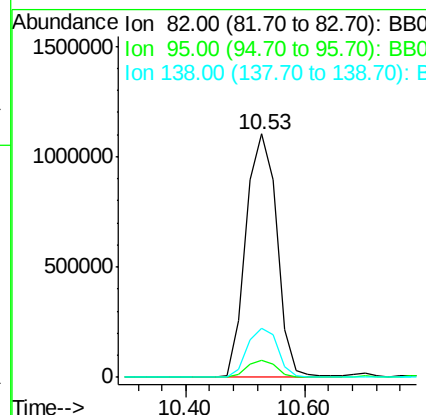
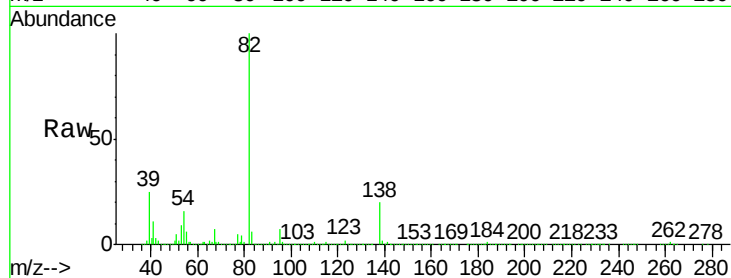
#25
Isophorone
Concen: 50.57 ng
RT: 10.53 min Scan# 390
Delta R.T. 0.02 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_B
ClientSampleId :
SSTDIC050

Tot Ion: 82 Resp: 3969386
Ion Ratio Lower Upper
82 100
95 7.1 5.9 8.9
138 19.9 17.0 25.6

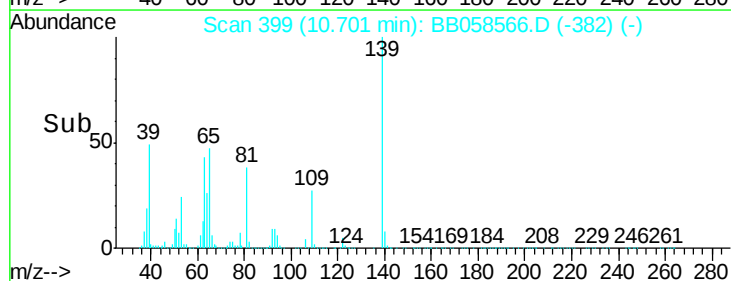
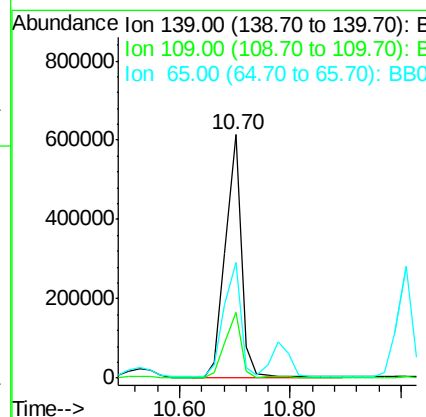
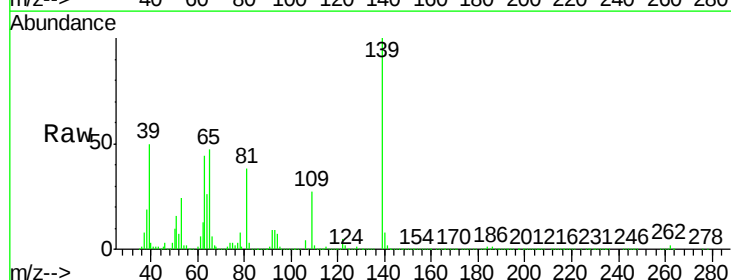
Manual Integrations
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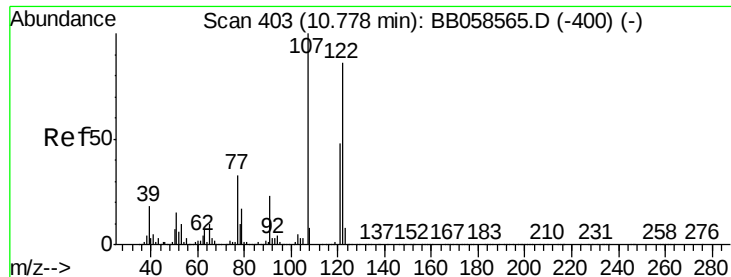
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#26
2-Nitrophenol
Concen: 49.74 ng
RT: 10.70 min Scan# 399
Delta R.T. 0.02 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tgt Ion: 139 Resp: 1229683
Ion Ratio Lower Upper
139 100
109 27.0 22.0 33.0
65 47.4 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 50.81 ng

RT: 10.78 min Scan# 403

Delta R.T. -0.00 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Instrument :

BNA_B

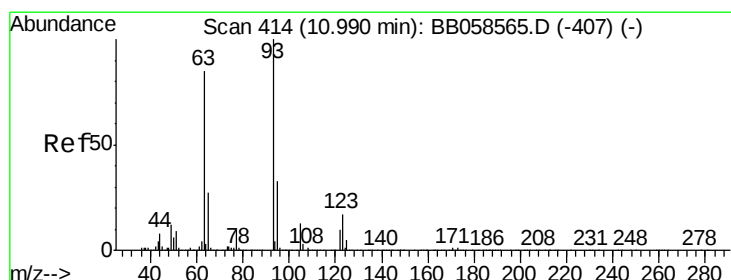
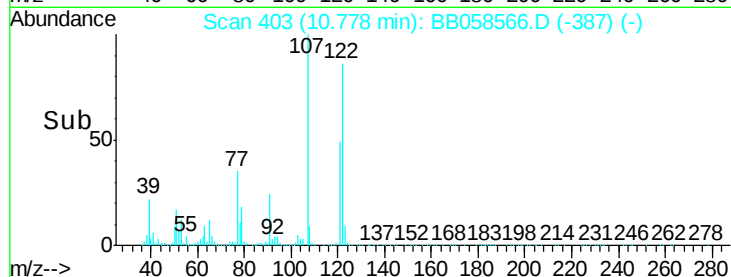
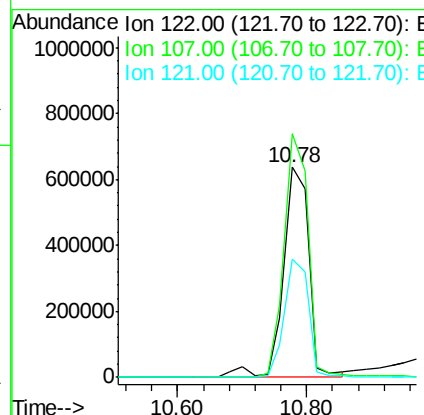
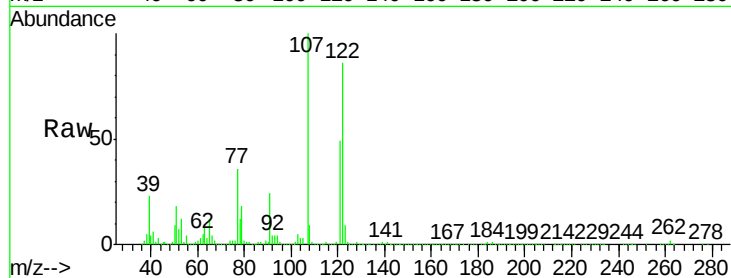
ClientSampleId :

SSTDIC050

Tot Ion:	122	Resp:	1745842
Ion	Ratio	Lower	Upper
122	100		
107	115.8	90.0	135.0
121	56.3	45.1	67.7

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#28

bis(2-Chloroethoxy)methane

Concen: 49.25 ng

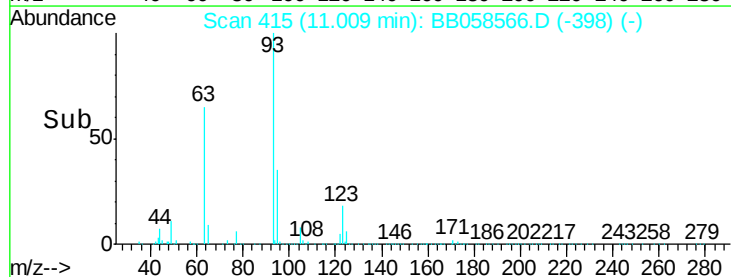
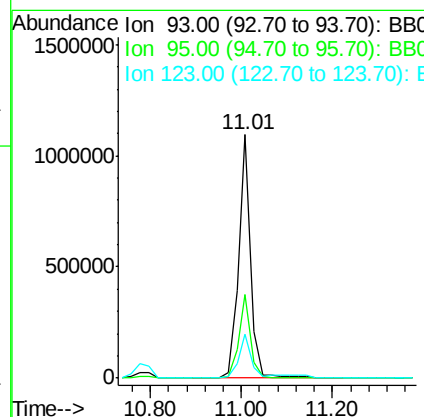
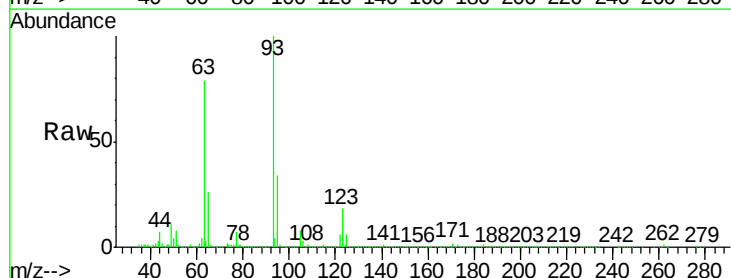
RT: 11.01 min Scan# 415

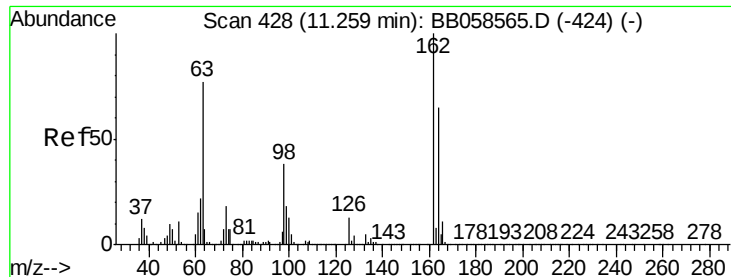
Delta R.T. 0.02 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Tgt Ion:	93	Resp:	2053567
Ion	Ratio	Lower	Upper
93	100		
95	34.4	27.0	40.6
123	18.0	13.9	20.9





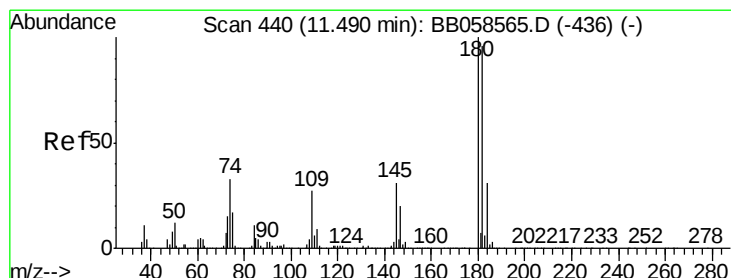
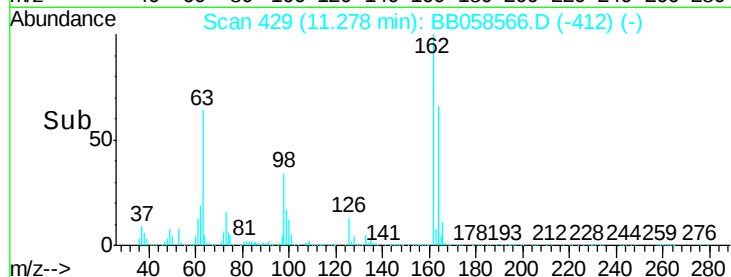
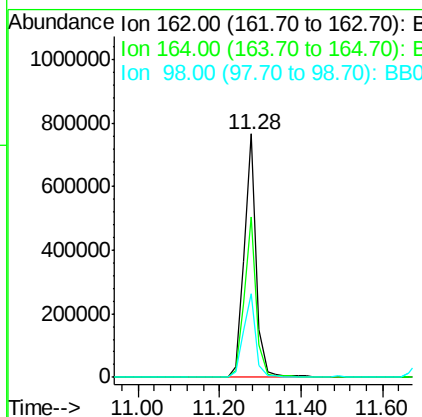
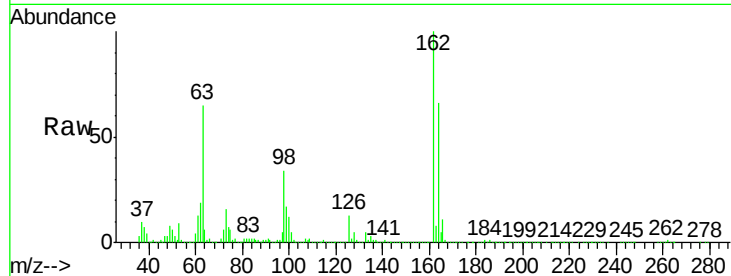
#29
2,4-Dichlorophenol
Concen: 49.48 ng
RT: 11.28 min Scan# 429
Delta R.T. 0.02 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_B
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.2	84.2
98	34.3	16.4	56.4

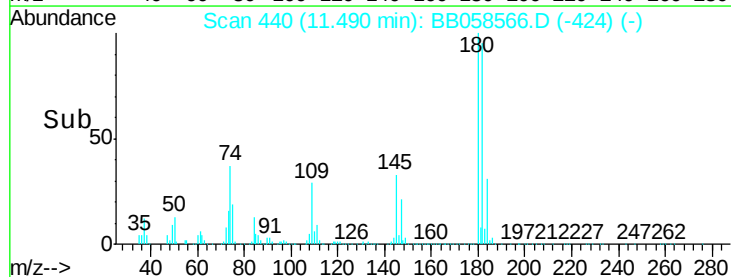
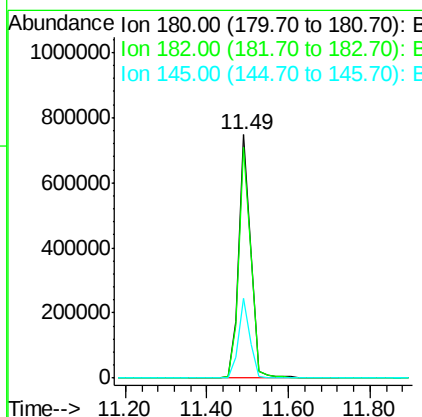
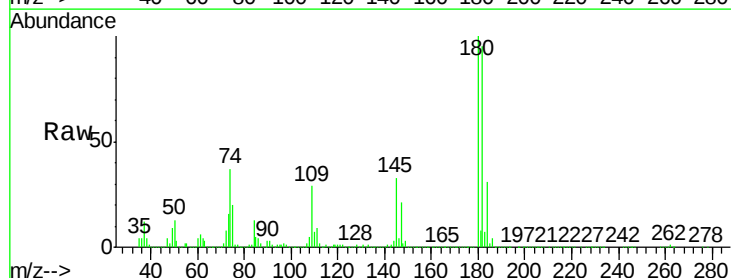
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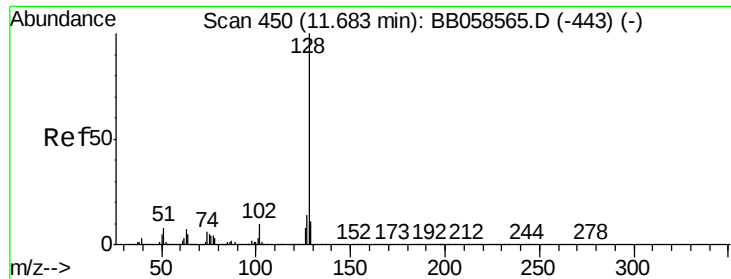
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#30
1,2,4-Trichlorobenzene
Concen: 48.23 ng
RT: 11.49 min Scan# 440
Delta R.T. -0.00 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.4	116.2
145	32.6	24.0	36.0





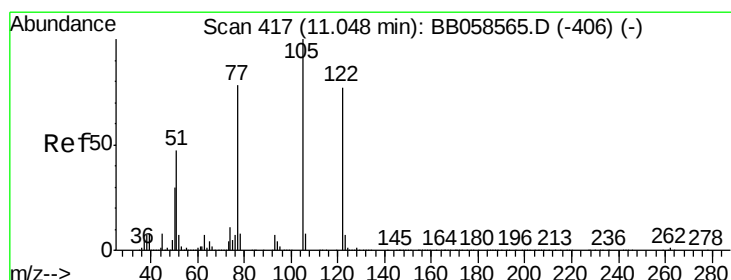
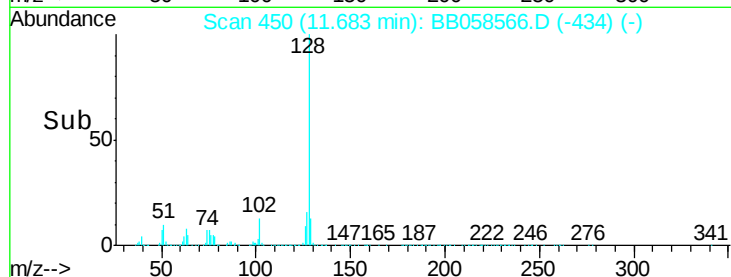
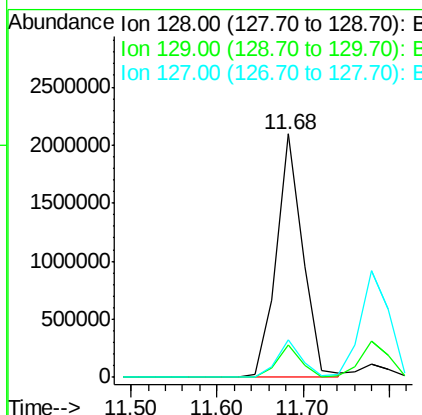
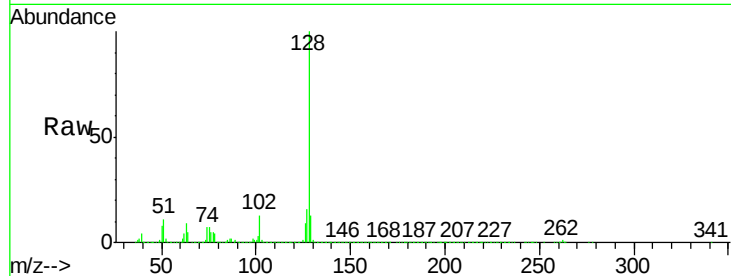
#31
Naphthalene
Concen: 45.41 ng
RT: 11.68 min Scan# 450
Delta R.T. -0.00 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_B
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.1	10.3	15.5
127	15.6	12.5	18.7

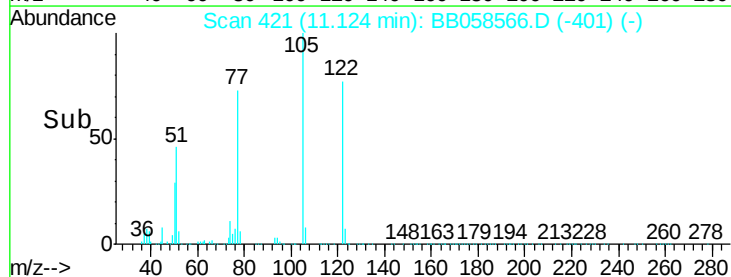
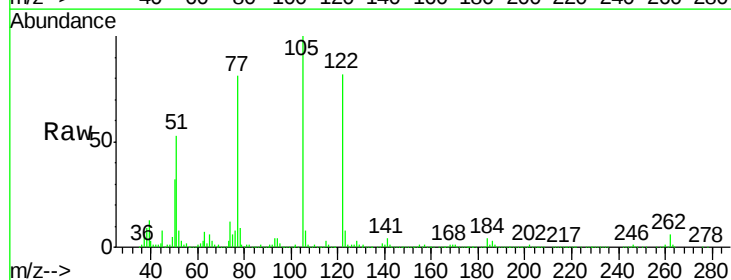
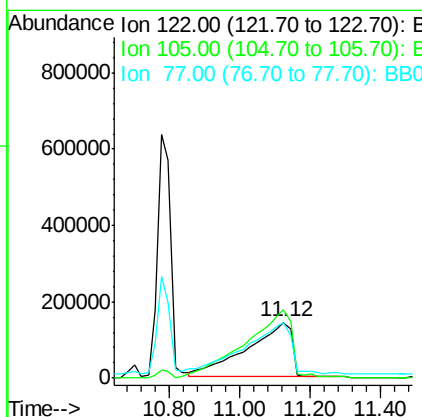
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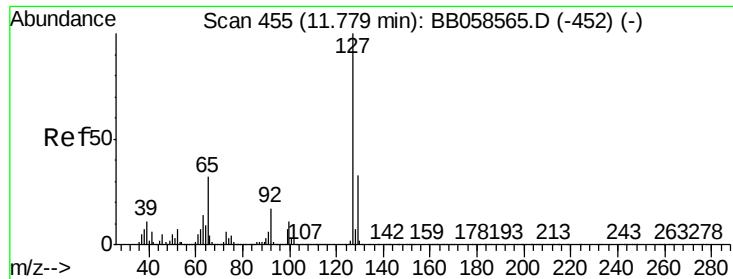
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#32
Benzoic acid
Concen: 57.35 ng
RT: 11.12 min Scan# 421
Delta R.T. 0.08 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.3	102.6	142.6
77	99.0	86.7	126.7





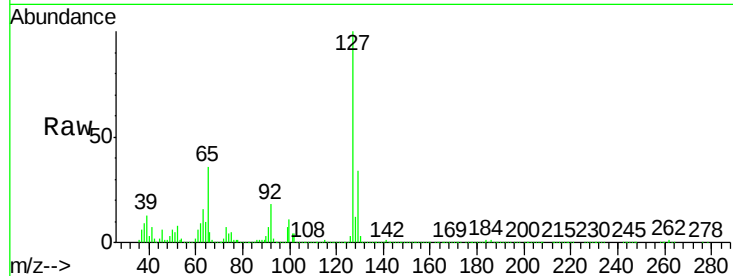
#33
4-Chloroaniline
Concen: 50.03 ng
RT: 11.78 min Scan# 455
Delta R.T. -0.00 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_B
ClientSampled :
SSTDIC050

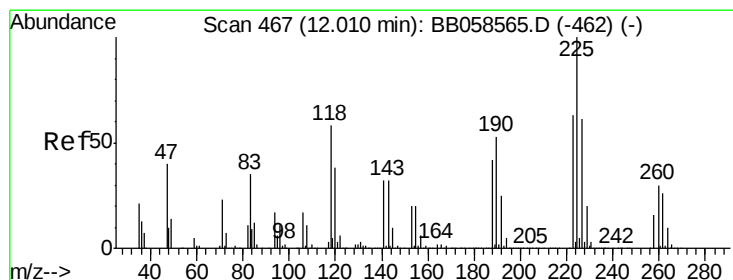
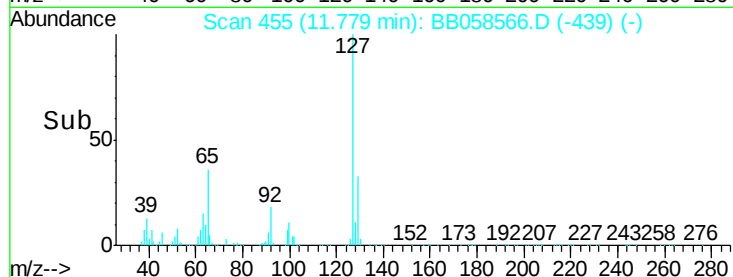
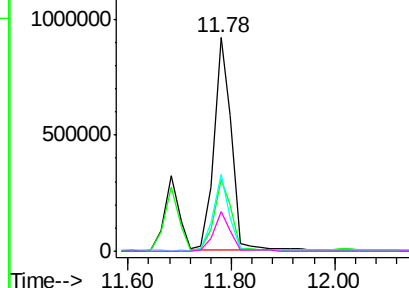
Tot Ion	Ratio	Resp	Lower	Upper
127	100	2161868		
129	33.5		27.1	40.7
65	36.0		25.4	38.0
92	18.4		13.7	20.5

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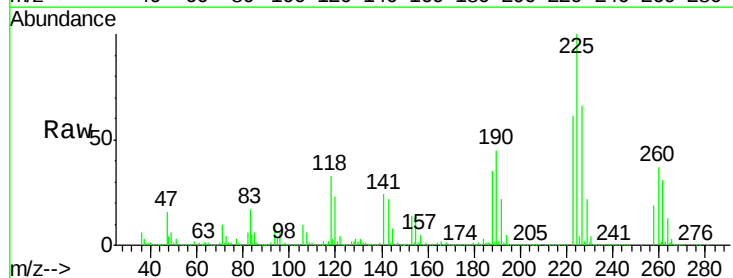


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BB0
Ion 92.00 (91.70 to 92.70): BB0

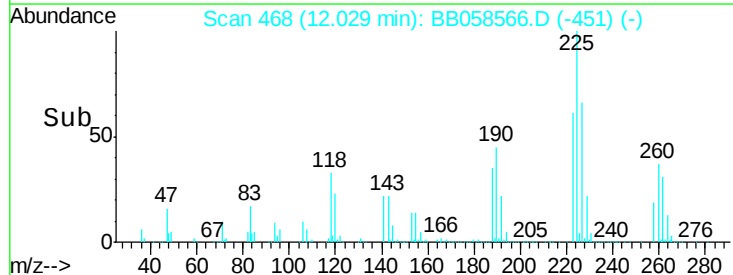
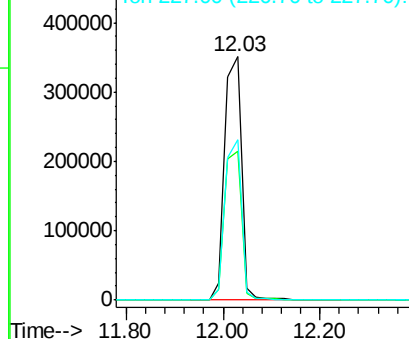


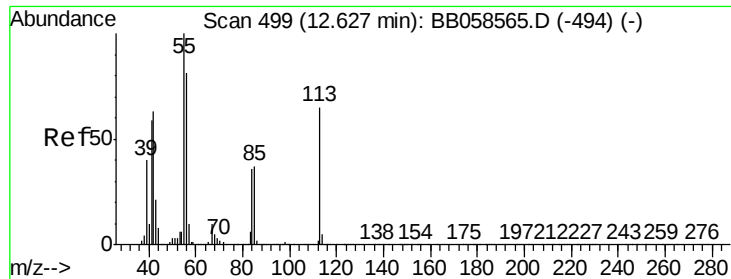
#34
Hexachlorobutadiene
Concen: 49.90 ng
RT: 12.03 min Scan# 468
Delta R.T. 0.02 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	844411		
223	61.2		50.8	76.2
227	65.9		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





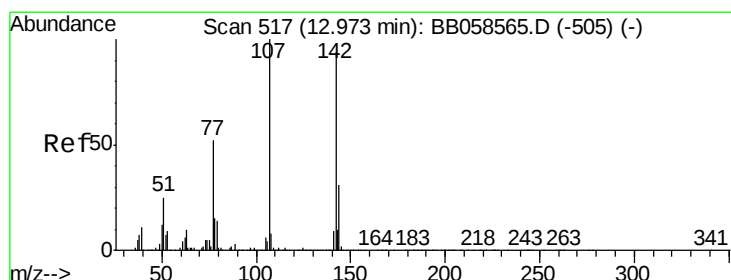
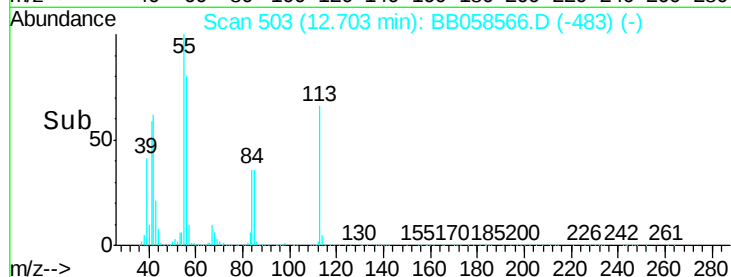
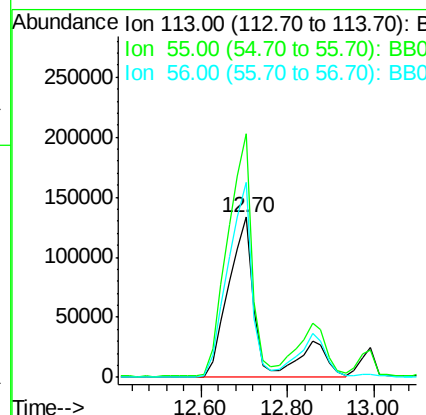
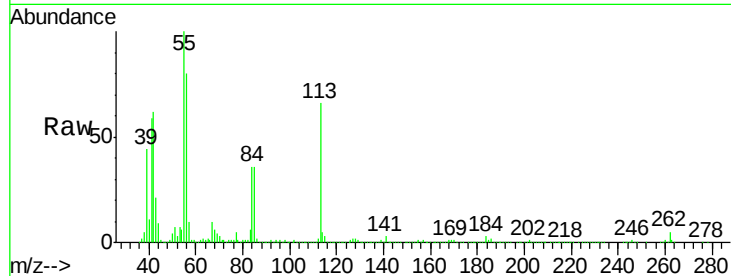
#35
Caprolactam
Concen: 55.14 ng/ml
RT: 12.70 min Scan# 503
Delta R.T. 0.08 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_B
ClientSampled :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	151.9		109.4	149.4	
56	121.5		84.1	124.1	

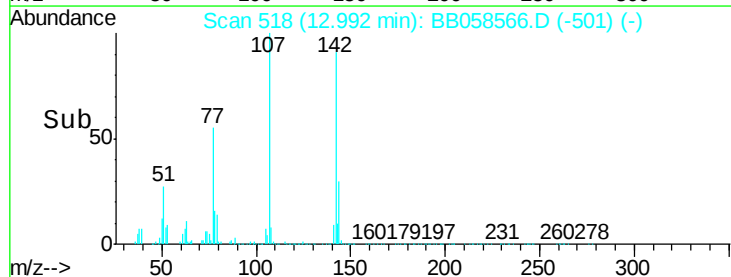
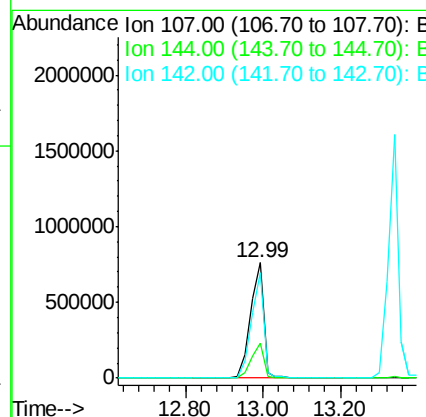
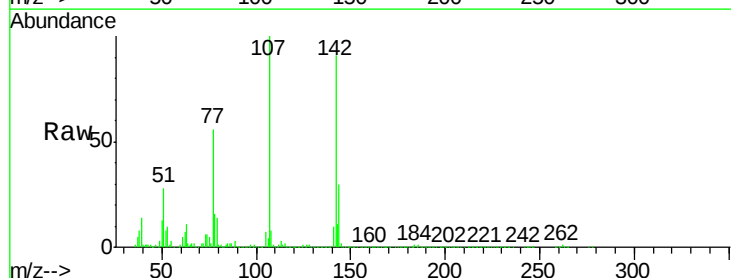
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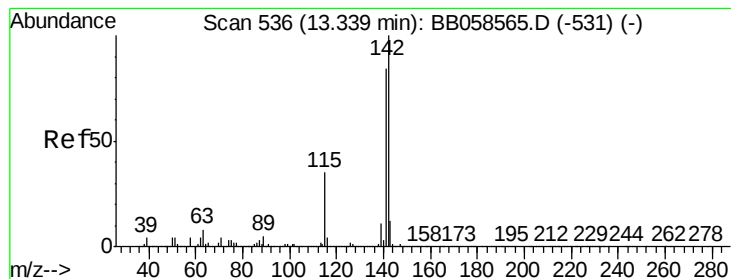
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#36
4-Chloro-3-methylphenol
Concen: 52.26 ng/ml
RT: 12.99 min Scan# 518
Delta R.T. 0.02 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	30.2		23.9	35.9	
142	91.1		70.5	105.7	





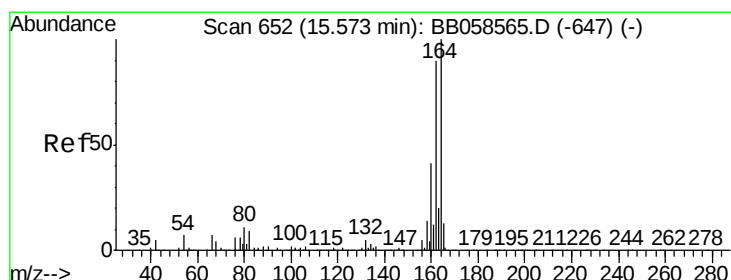
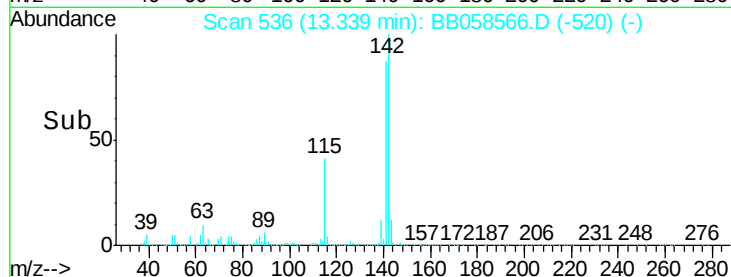
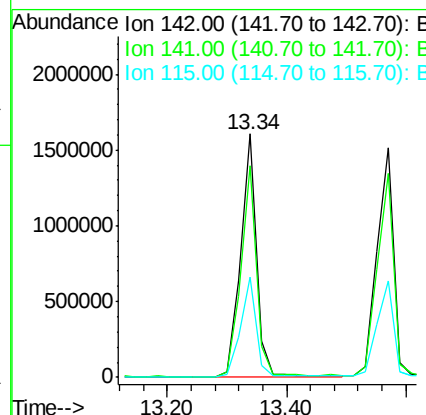
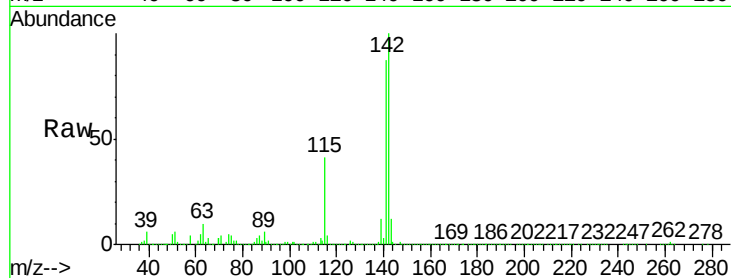
#37
2-Methylnaphthalene
Concen: 47.66 ng
RT: 13.34 min Scan# 536
Delta R.T. -0.00 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_B
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	67.5	101.3
115	41.3	28.9	43.3

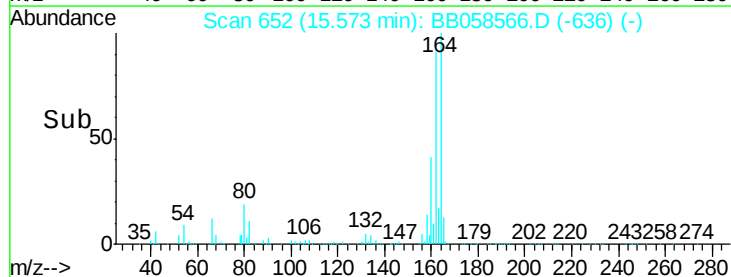
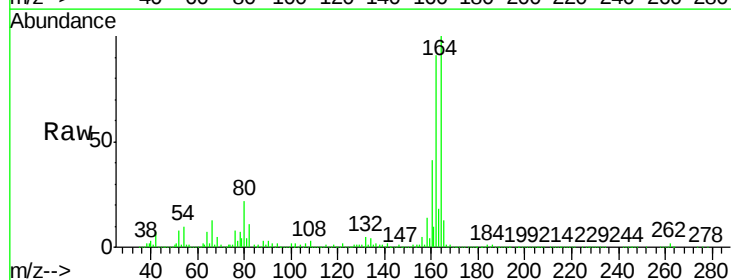
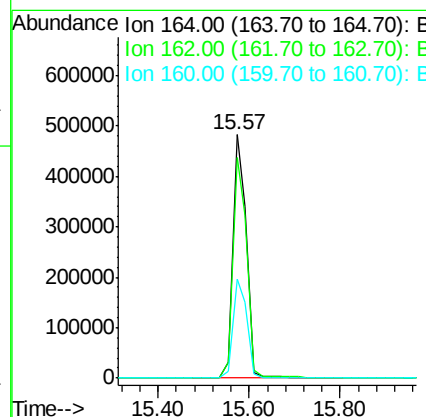
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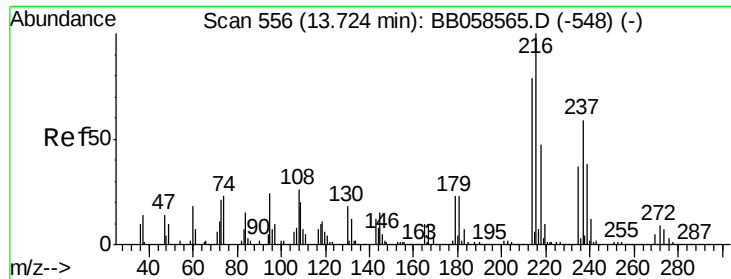
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.57 min Scan# 652
Delta R.T. -0.00 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	90.8	71.2	106.8
160	40.6	32.8	49.2





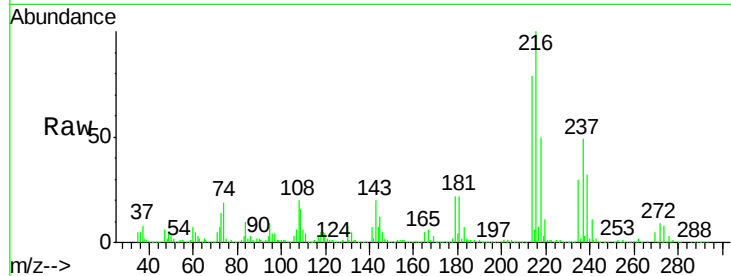
#39
1,2,4,5-Tetrachlorobenzene
Concen: 57.31 ng
RT: 13.74 min Scan# 557
Delta R.T. 0.02 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_B
ClientSampled :
SSTDIC050

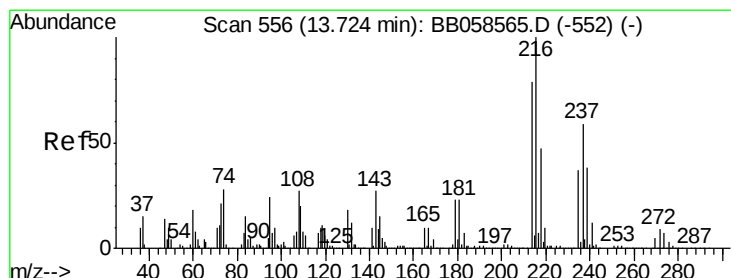
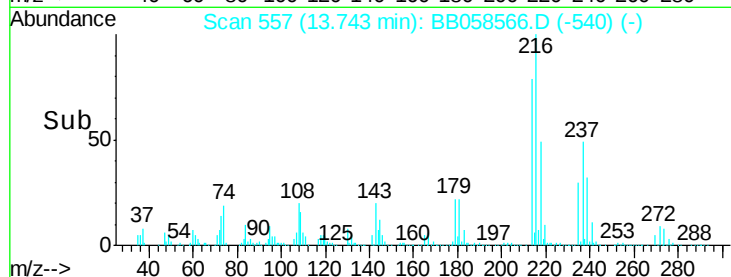
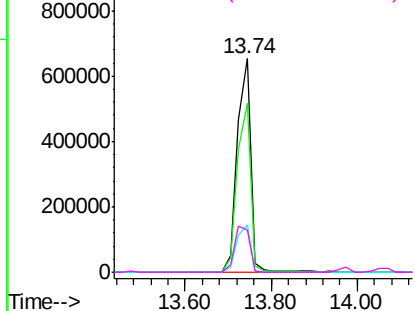
Tot Ion:	216	Resp:	1417446
Ion Ratio	Lower	Upper	
216	100		
214	80.0	63.5	95.3
179	23.3	18.1	27.1
108	24.8	19.7	29.5

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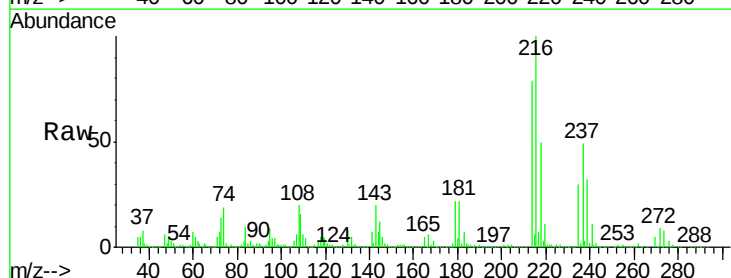


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

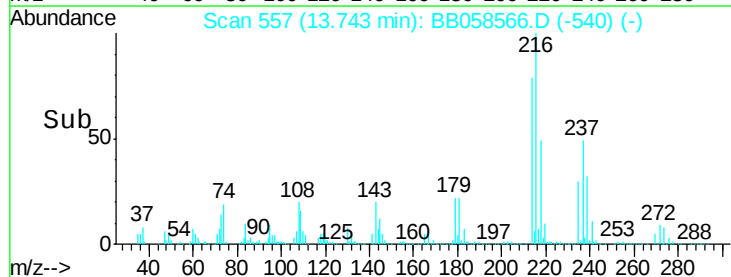
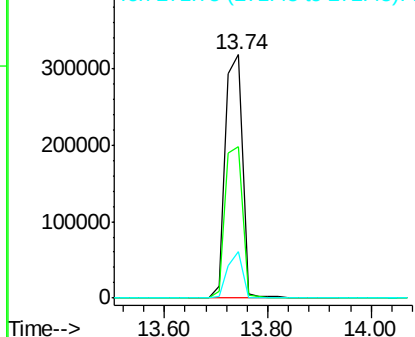


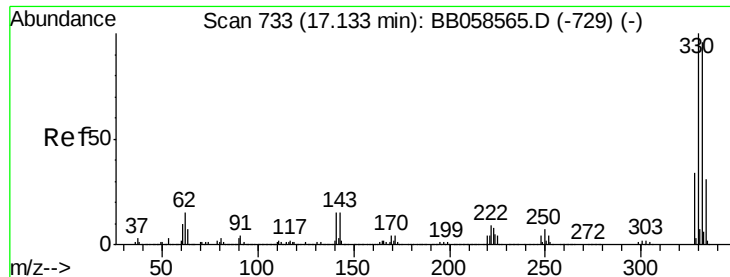
#40
Hexachlorocyclopentadiene
Concen: 55.13 ng
RT: 13.74 min Scan# 557
Delta R.T. 0.02 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tgt Ion:	237	Resp:	745099
Ion Ratio	Lower	Upper	
237	100		
235	62.4	43.9	83.9
272	19.0	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





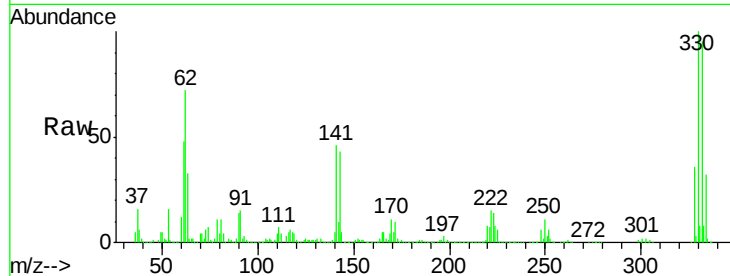
#41
 2,4,6-Tribromophenol
 Concen: 113.08 ng
 RT: 17.13 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BB058566.D
 Acq: 29 Sep 2016 20:38

Instrument :
 BNA_B
 ClientSampleId :
 SSTDICC050

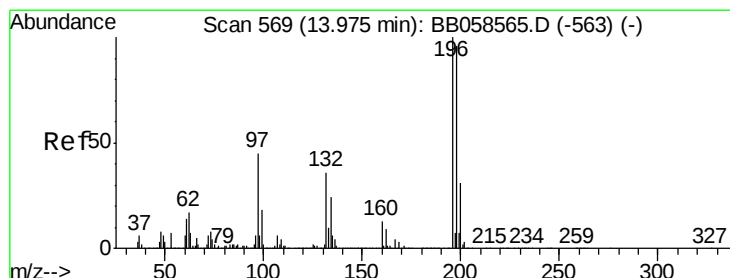
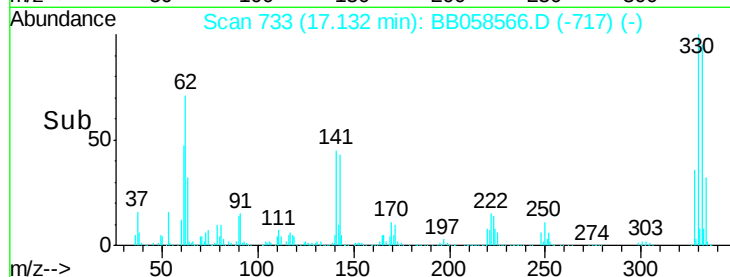
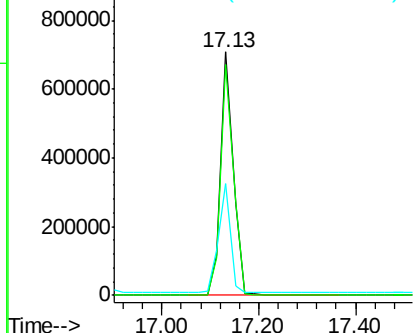
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	42.3	32.5	48.7

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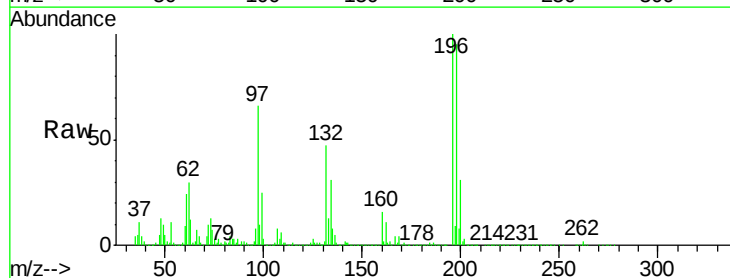


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

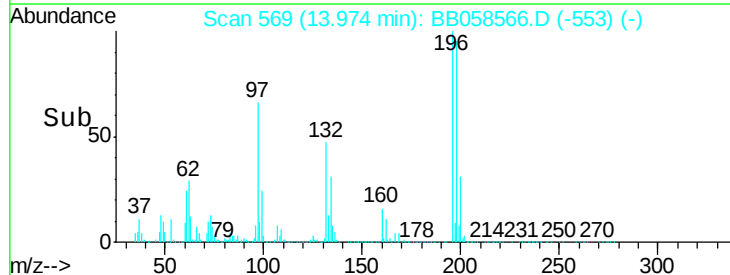
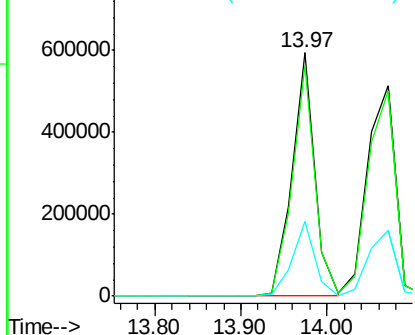


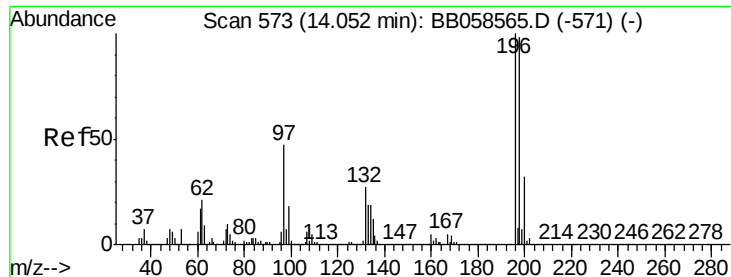
#42
 2,4,6-Trichlorophenol
 Concen: 54.32 ng
 RT: 13.97 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BB058566.D
 Acq: 29 Sep 2016 20:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	78.6	118.0
200	30.7	25.9	38.9



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





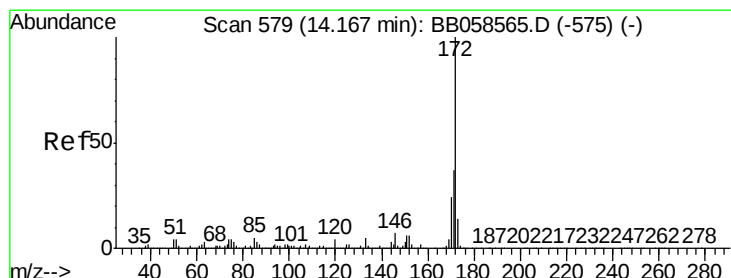
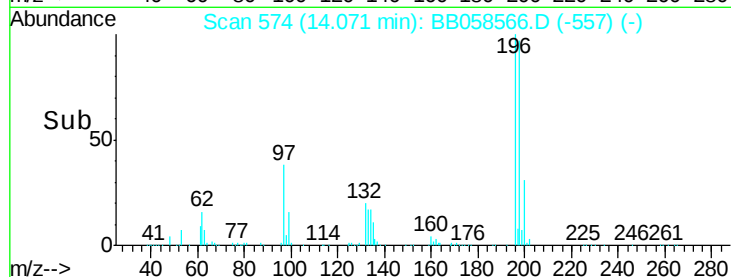
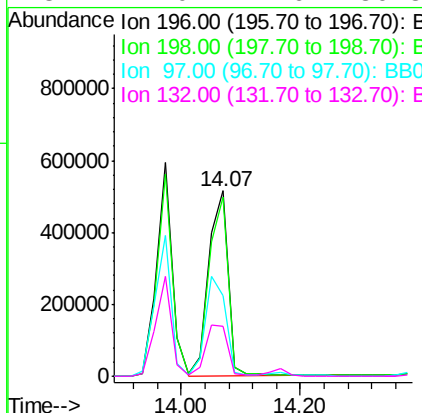
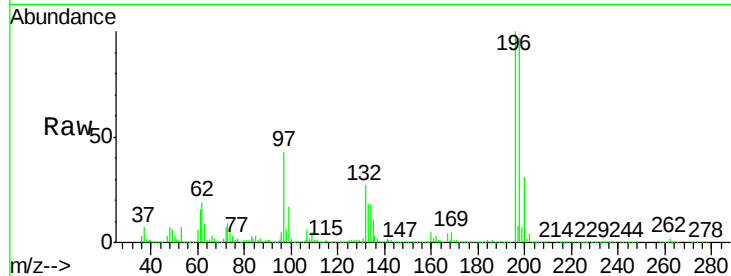
#43
2,4,5-Trichlorophenol
Concen: 58.59 ng
RT: 14.07 min Scan# 574
Delta R.T. 0.02 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_B
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	1166166		
198	97.1	76.0	114.0	
97	43.4	44.6	66.8	
132	27.0	24.6	36.8	

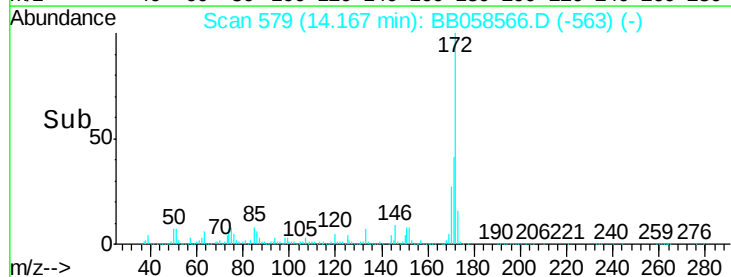
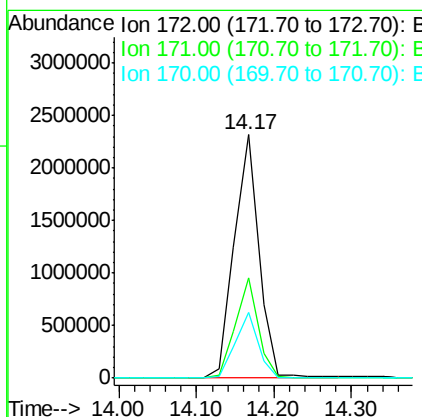
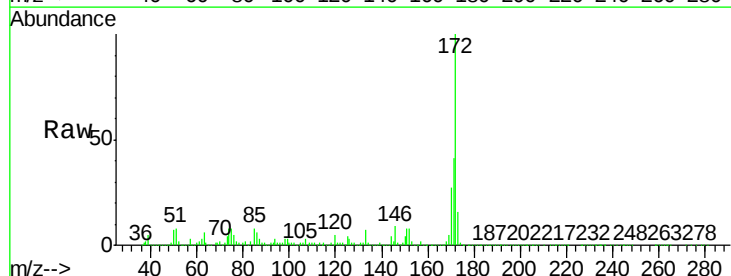
Manual Integrations
APPROVED

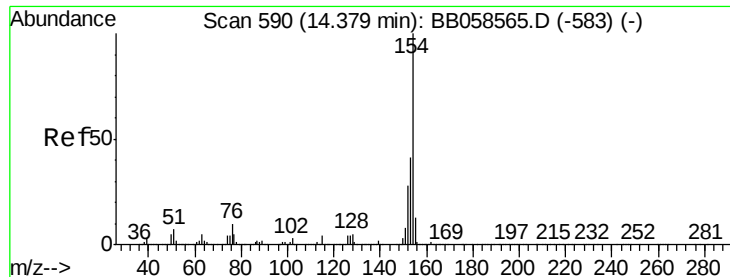
sohil
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#44
2-Fluorobiphenyl
Concen: 94.21 ng
RT: 14.17 min Scan# 579
Delta R.T. -0.00 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	5150198		
171	41.4	33.2	49.8	
170	27.2	21.8	32.8	





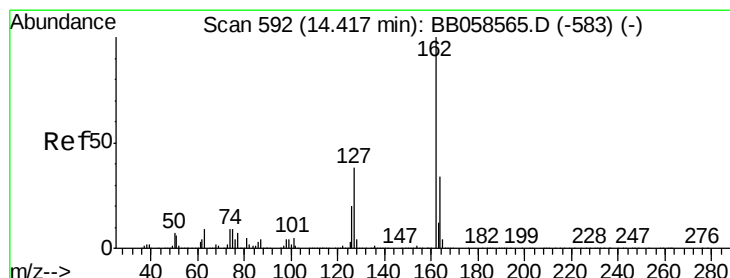
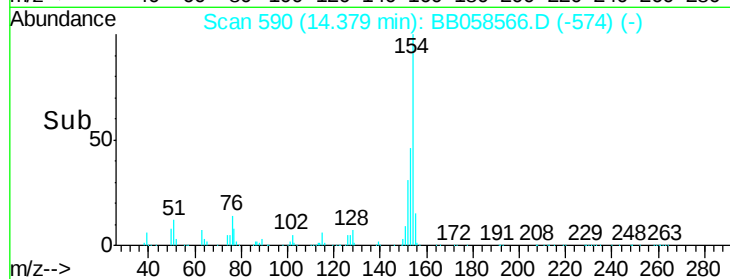
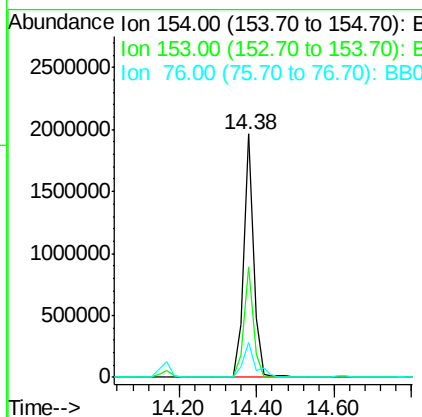
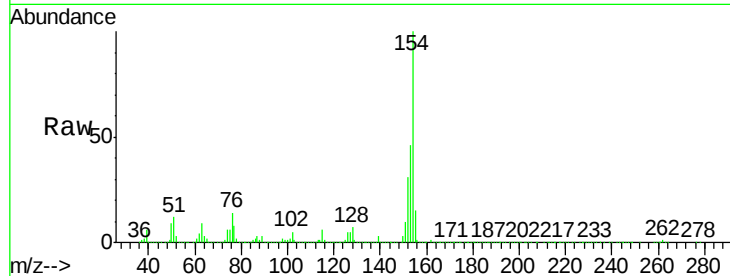
#45
 1,1'-Biphenyl
 Concen: 48.10 ng
 RT: 14.38 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BB058566.D
 Acq: 29 Sep 2016 20:38

Instrument :
 BNA_B
 ClientSampleId :
 SSTDICC050

Tot Ion:154	Resp: 3433494
Ion Ratio	Lower Upper
154 100	
153 45.5	25.6 65.6
76 14.3	0.0 31.4

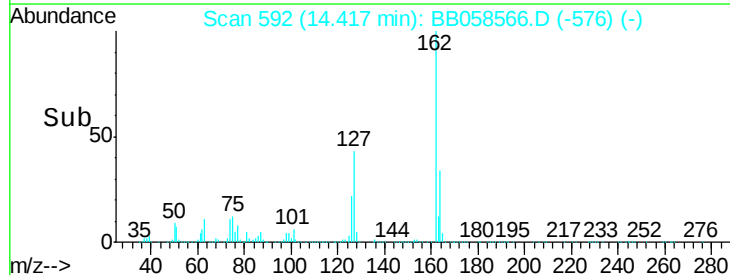
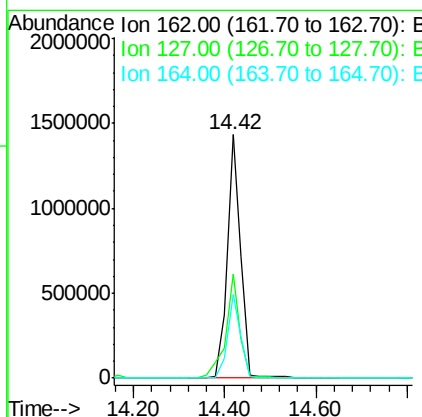
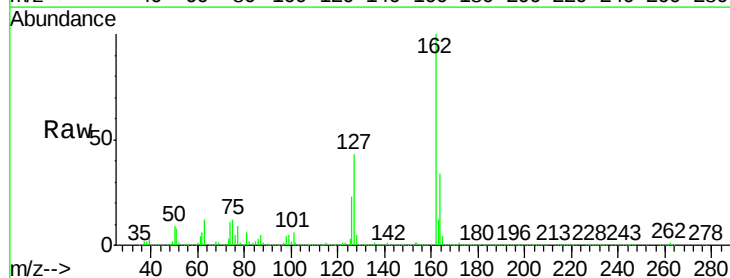
Manual Integrations
 APPROVED

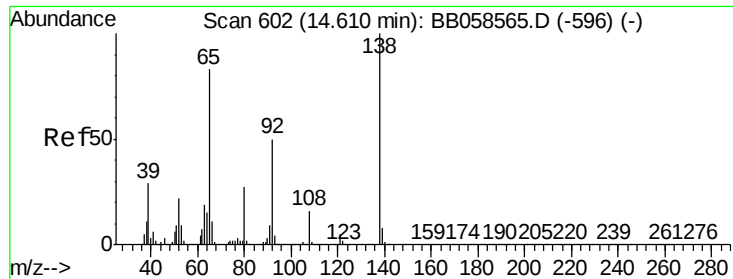
sohil
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#46
 2-Chloronaphthalene
 Concen: 55.94 ng
 RT: 14.42 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BB058566.D
 Acq: 29 Sep 2016 20:38

Tgt Ion	162	Resp: 3027044	
Ion	Ratio	Lower	Upper
162	100		
127	42.8	32.7	49.1
164	34.4	28.1	42.1





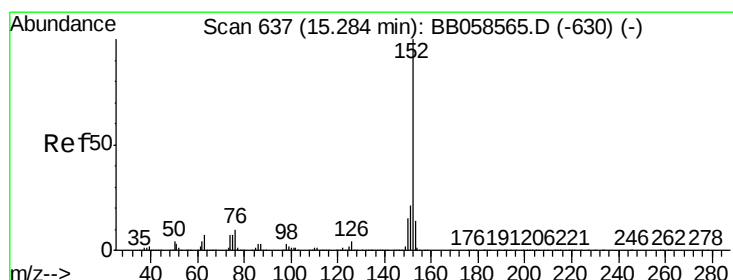
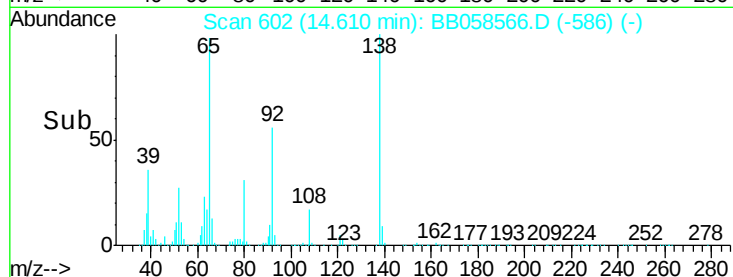
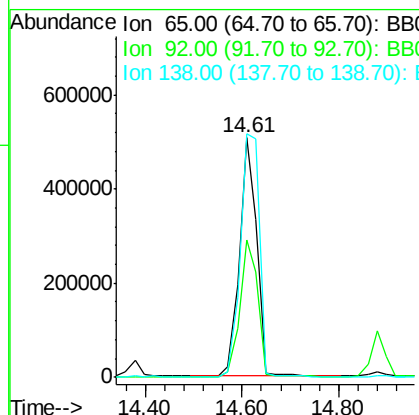
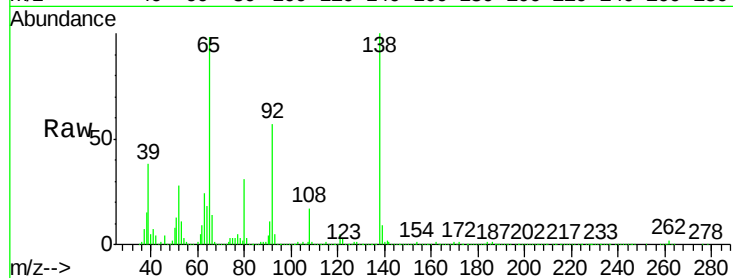
#47
2-Nitroaniline
Concen: 59.38 ng
RT: 14.61 min Scan# 602
Delta R.T. -0.00 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_B
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
92	57.6	47.4	71.2
138	101.6	93.2	139.8

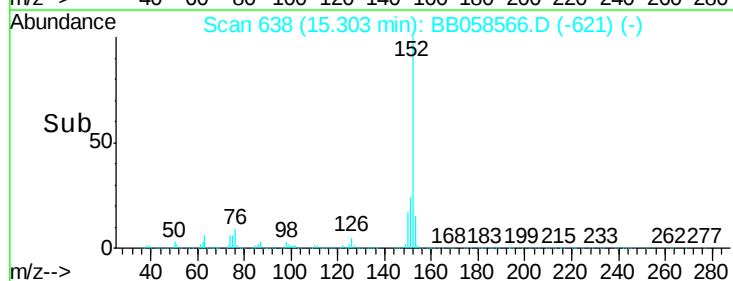
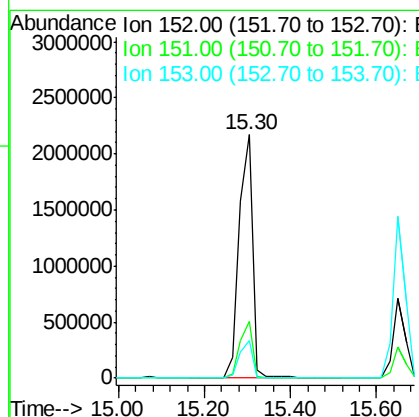
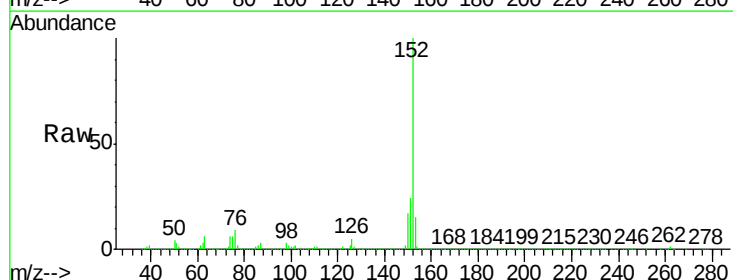
Manual Integrations
APPROVED

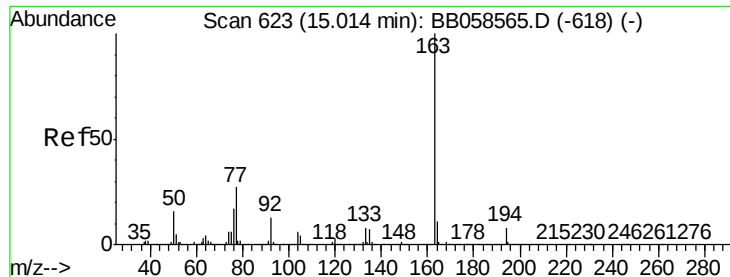
sohil
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#48
Acenaphthylene
Concen: 56.04 ng
RT: 15.30 min Scan# 638
Delta R.T. 0.02 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.6	18.3	27.5
153	15.5	12.7	19.1





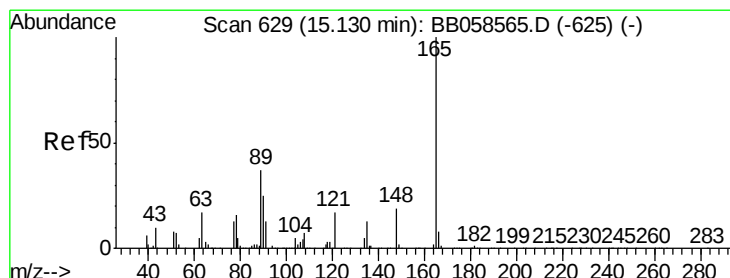
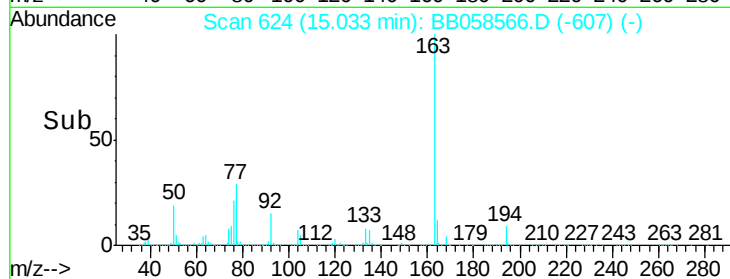
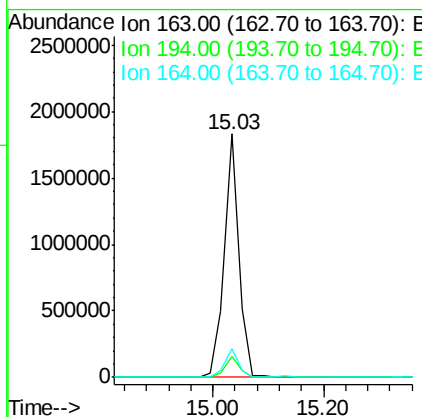
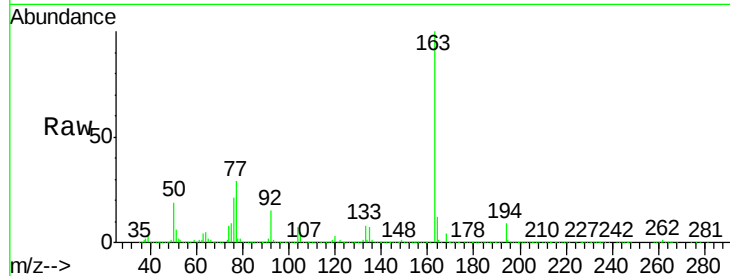
#49
Dimethylphthalate
Concen: 50.16 ng
RT: 15.03 min Scan# 624
Delta R.T. 0.02 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_B
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
163	100		
194	8.5	7.5	11.3
164	11.7	8.4	12.6

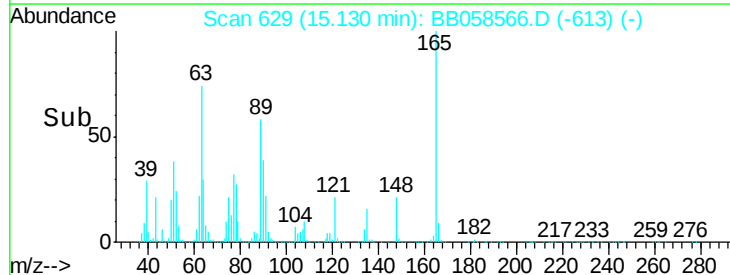
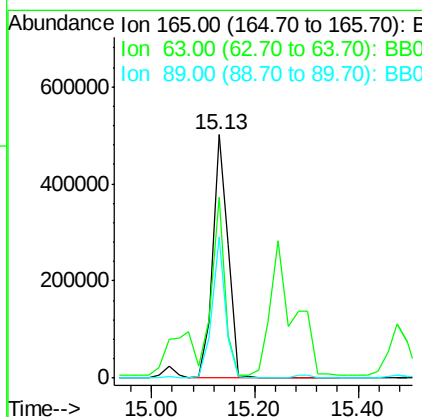
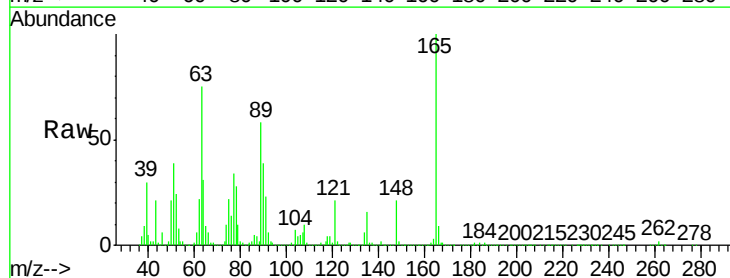
Manual Integrations
APPROVED

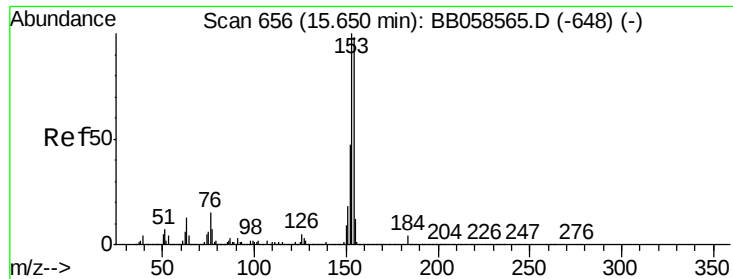
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#50
2,6-Dinitrotoluene
Concen: 53.96 ng
RT: 15.13 min Scan# 629
Delta R.T. -0.00 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	74.5	42.7	64.1#
89	57.8	36.7	55.1#





#51

Acenaphthene

Concen: 54.46 ng

RT: 15.65 min Scan# 656

Delta R.T. -0.00 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Instrument :

BNA_B

ClientSampleId :

SSTDICC050

Tot Ion:154 Resp: 3083210

Ion Ratio Lower Upper

154 100

153 102.9 81.6 122.4

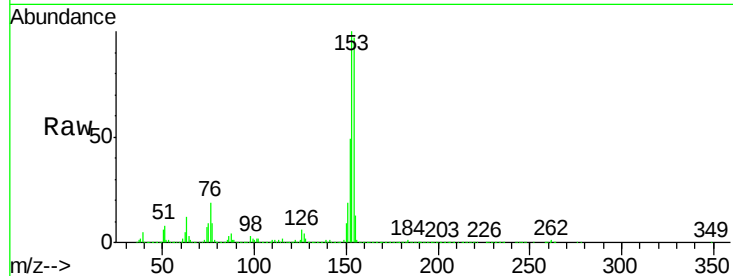
152 50.5 41.5 62.3

Manual Integrations

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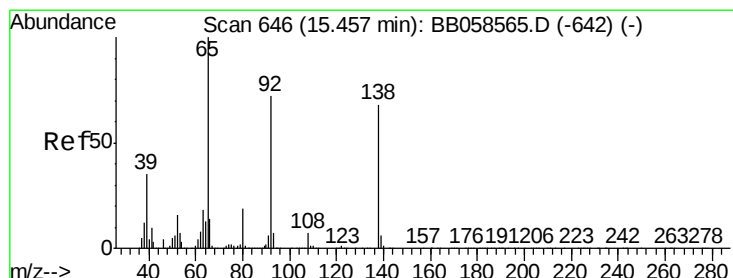
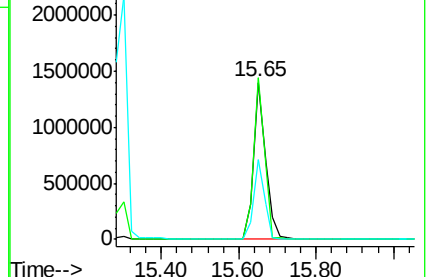
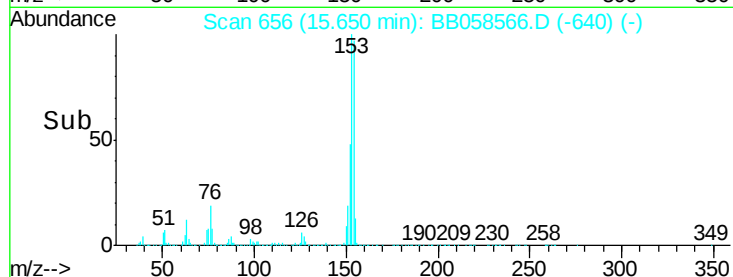
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 59.41 ng

RT: 15.48 min Scan# 647

Delta R.T. 0.02 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

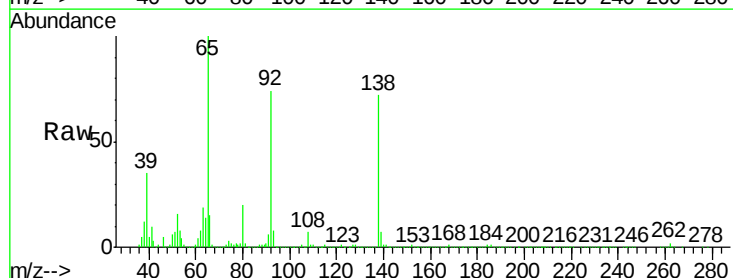
Tgt Ion:138 Resp: 1200148

Ion Ratio Lower Upper

138 100

108 9.6 7.3 10.9

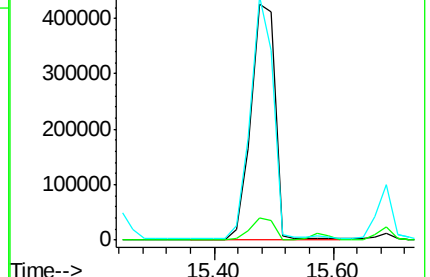
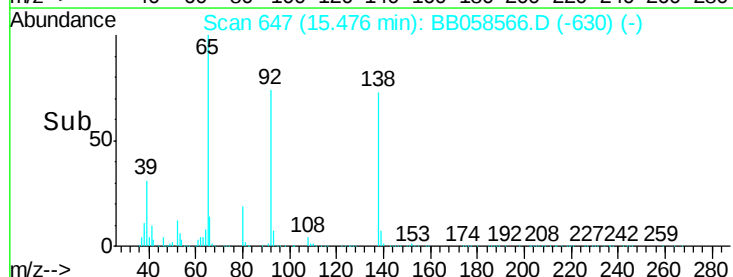
92 103.1 74.6 112.0

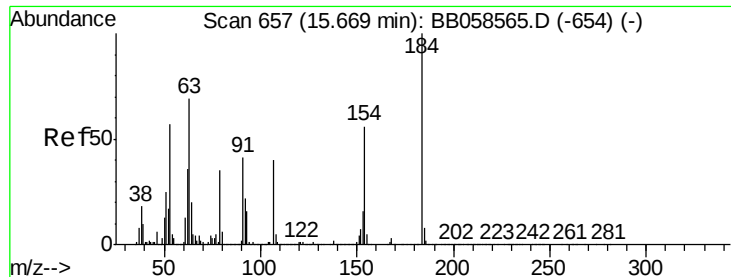


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BB0





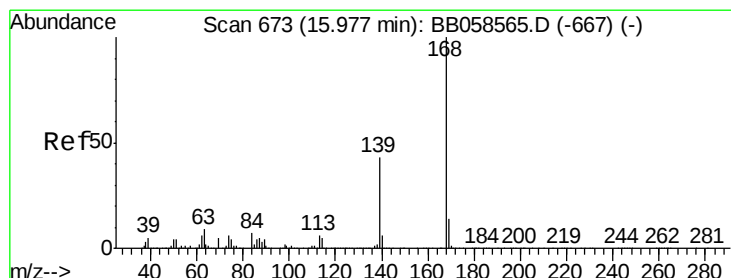
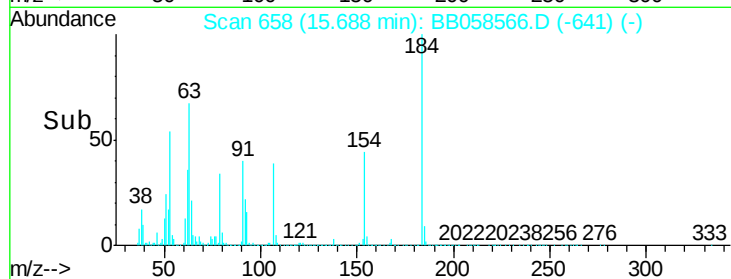
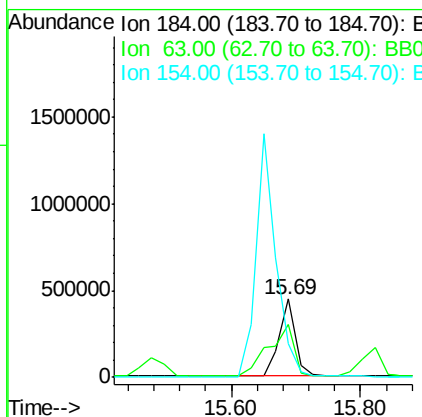
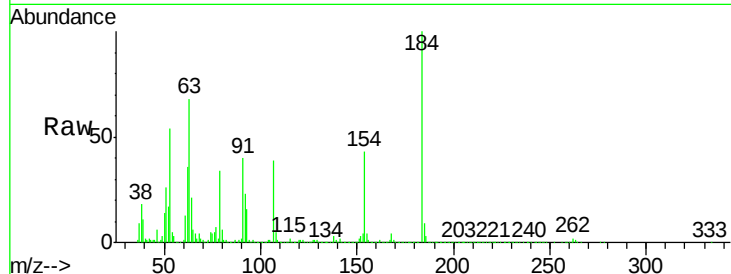
#53
 2,4-Dinitrophenol
 Concen: 59.25 ng
 RT: 15.69 min Scan# 658
 Delta R.T. 0.02 min
 Lab File: BB058566.D
 Acq: 29 Sep 2016 20:38

Instrument :
 BNA_B
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
184	100	776750		
63	67.6	30.7	46.1	#
154	43.3	29.4	44.0	

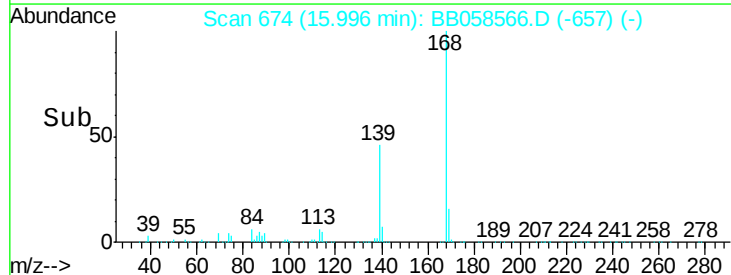
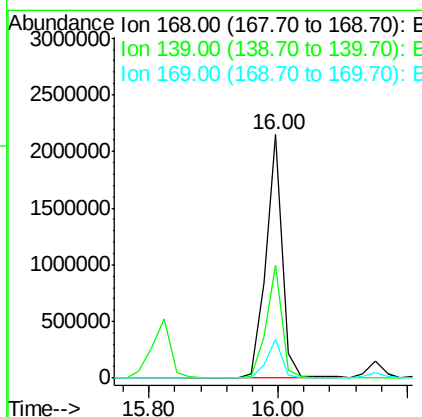
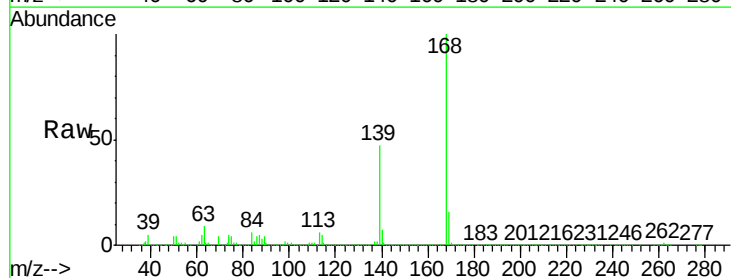
Manual Integrations
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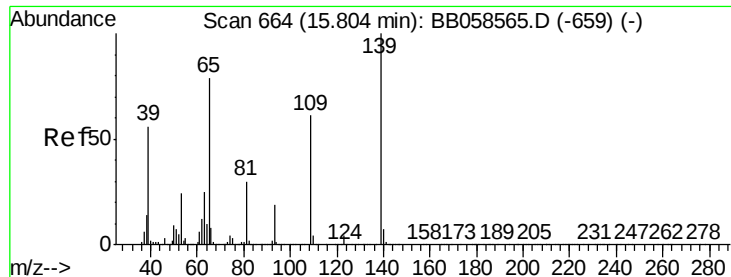
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#54
 Dibenzofuran
 Concen: 52.85 ng
 RT: 16.00 min Scan# 674
 Delta R.T. 0.02 min
 Lab File: BB058566.D
 Acq: 29 Sep 2016 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	3790624		
139	46.6	32.0	48.0	
169	16.0	12.1	18.1	





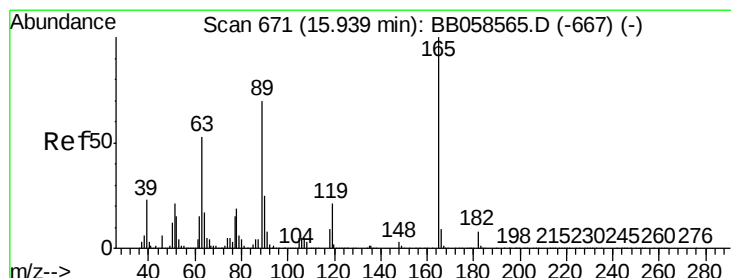
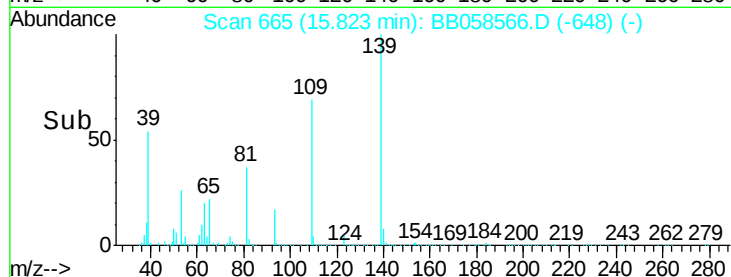
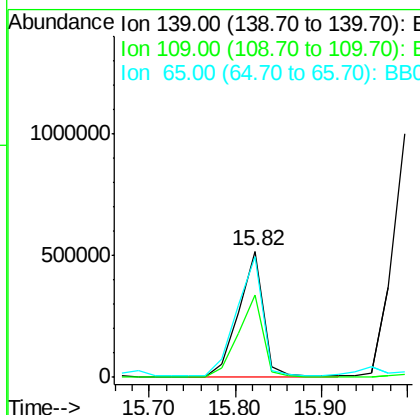
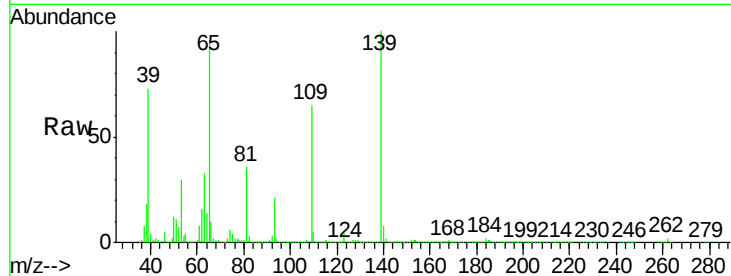
#55
4-Nitrophenol
Concen: 59.28 ng
RT: 15.82 min Scan# 665
Delta R.T. 0.02 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_B
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
139	100		
109	65.0	45.4	85.4
65	96.0	79.8	119.8

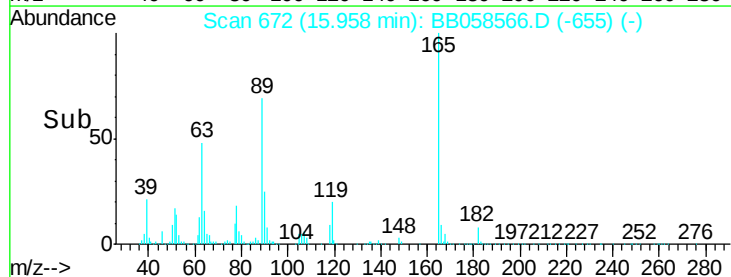
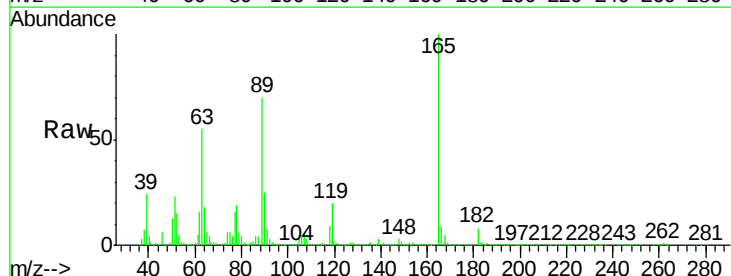
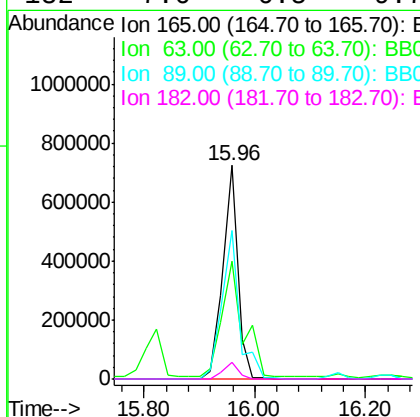
Manual Integrations
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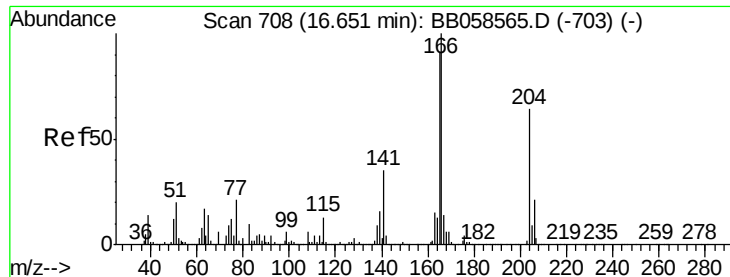
sohil
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#56
2,4-Dinitrotoluene
Concen: 54.37 ng
RT: 15.96 min Scan# 672
Delta R.T. 0.02 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.4	28.5	42.7#
89	69.5	39.7	59.5#
182	7.6	6.5	9.7





#57

Fluorene

Concen: 55.17 ng

RT: 16.67 min Scan# 709

Delta R.T. 0.02 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Instrument :

BNA_B

ClientSampleId :

SSTDICC050

Tot Ion:166 Resp: 3131727

Ion Ratio Lower Upper

166 100

165 92.3 73.2 109.8

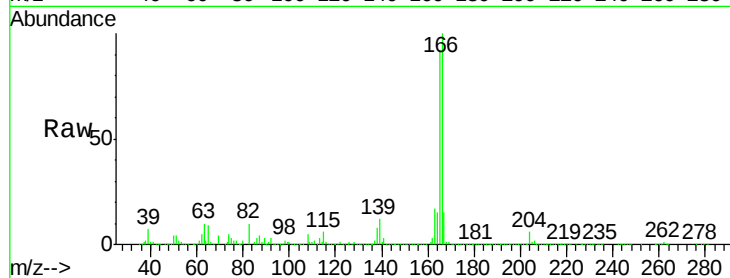
167 14.9 11.4 17.0

Manual Integrations

APPROVED

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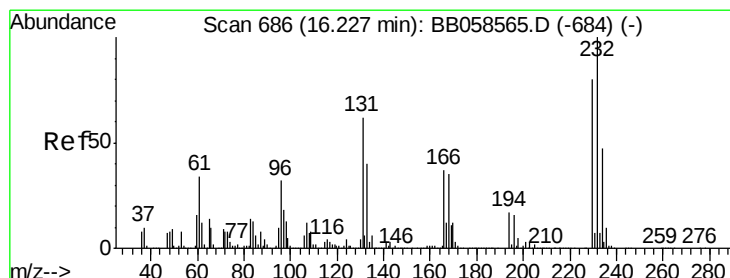
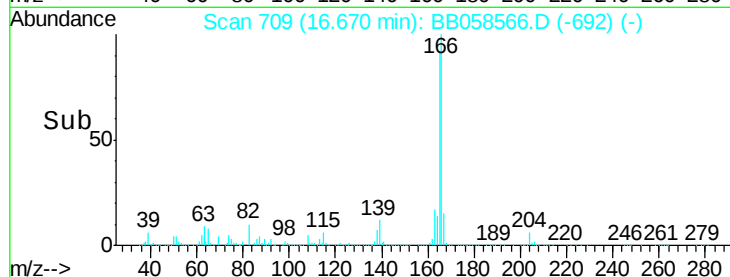
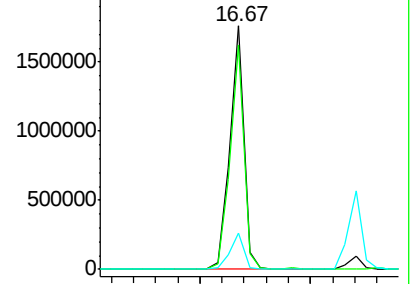
9/30/2016 7:24:58 PM



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: 60.37 ng

RT: 16.25 min Scan# 687

Delta R.T. 0.02 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Tgt Ion:232 Resp: 897134

Ion Ratio Lower Upper

232 100

131 54.1 43.7 65.5

130 3.3 2.6 4.0

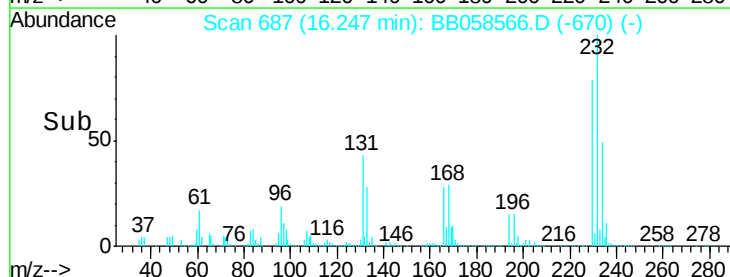
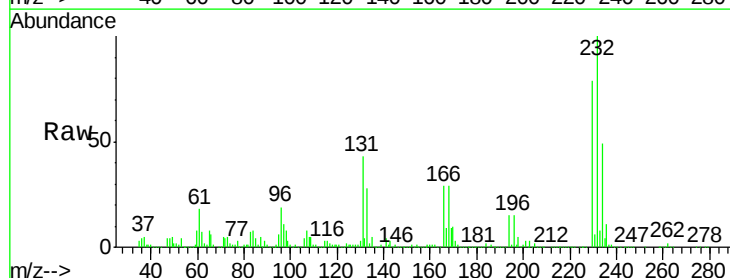
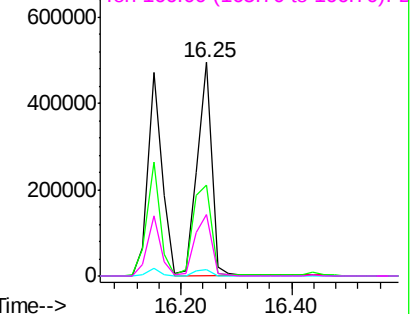
166 33.0 25.8 38.8

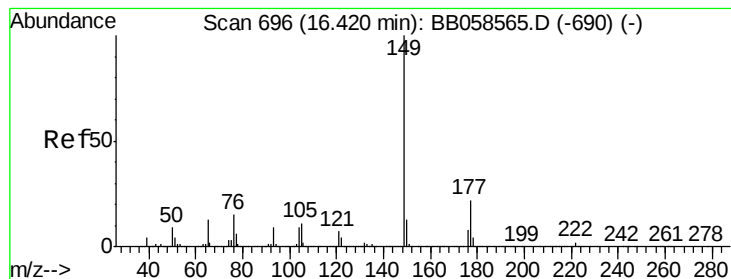
Abundance Ion 232.00 (231.70 to 232.70): E

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: 53.58 ng

RT: 16.44 min Scan# 697

Delta R.T. 0.02 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Instrument :

BNA_B

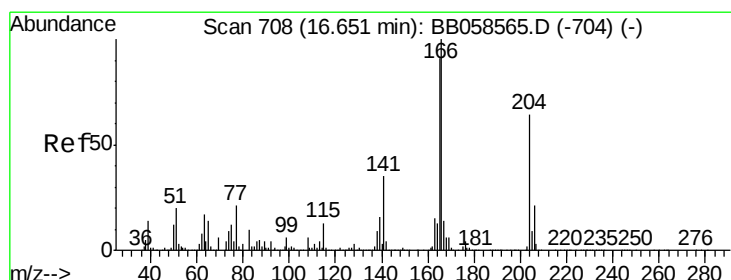
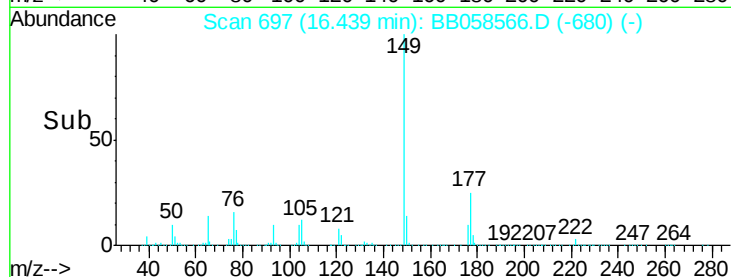
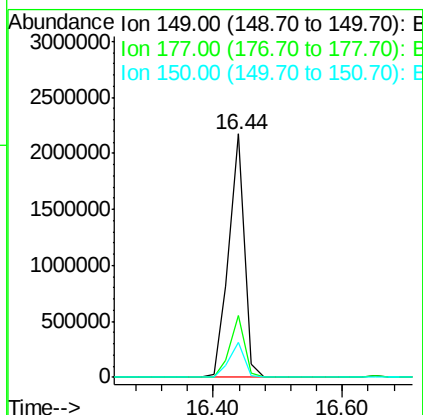
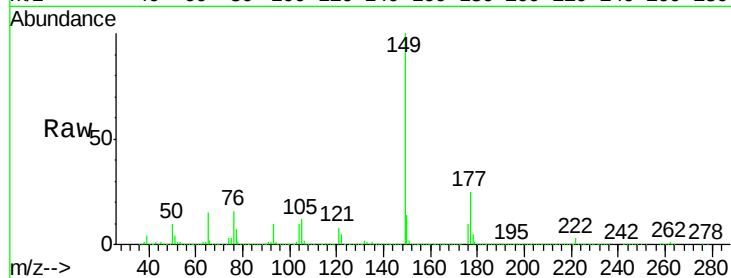
ClientSampled :

SSTDIC050

Tot Ion:	149	Resp:	3655462
Ion	Ratio	Lower	Upper
149	100		
177	25.4	21.5	32.3
150	14.1	10.0	15.0

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#60

4-Chlorophenyl-phenylether

Concen: 52.16 ng

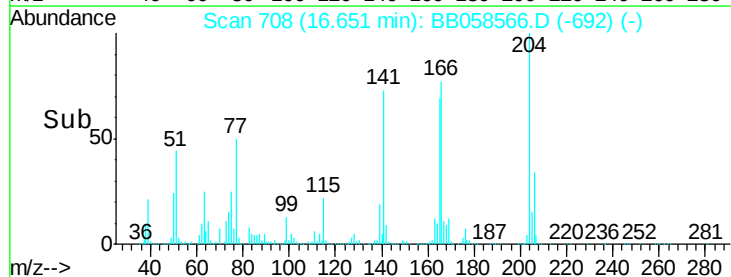
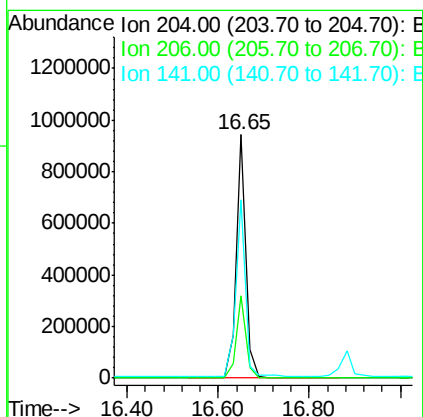
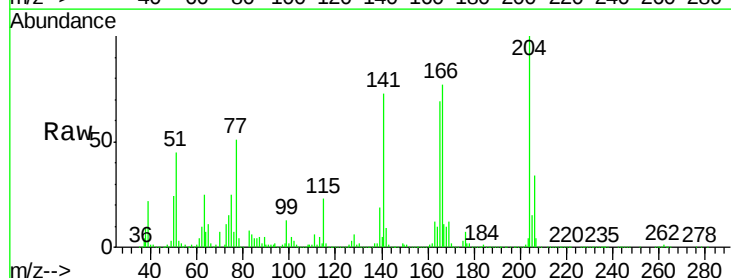
RT: 16.65 min Scan# 708

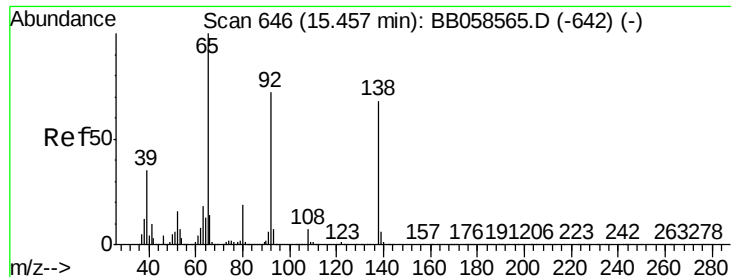
Delta R.T. -0.00 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Tgt Ion:	204	Resp:	1437098
Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.8	41.6
141	73.5	53.2	79.8





#61

4-Nitroaniline

Concen: 59.41 ng

RT: 15.48 min Scan# 647

Delta R.T. 0.02 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Instrument :

BNA_B

ClientSampled :

SSTDIC050

Tot Ion:138 Resp: 1200148

Ion Ratio Lower Upper

138 100

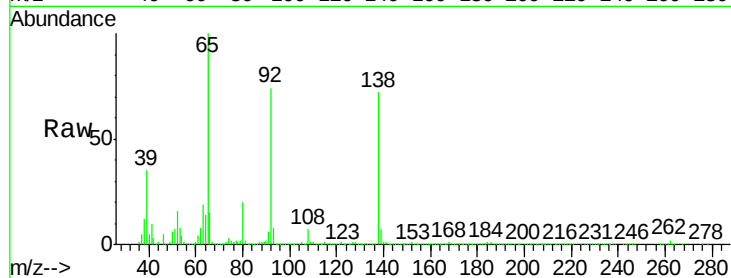
92 103.1 73.3 113.3

108 9.6 0.0 29.1

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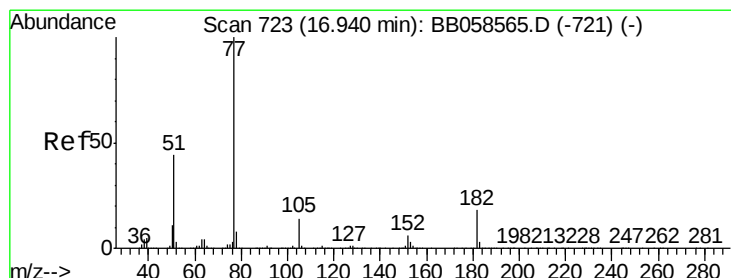
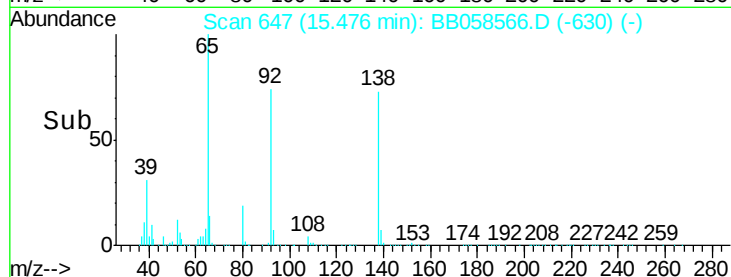
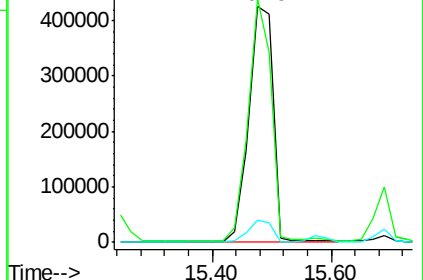
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BB0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 59.46 ng

RT: 16.96 min Scan# 724

Delta R.T. 0.02 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Tgt Ion: 77 Resp: 4094901

Ion Ratio Lower Upper

77 100

182 31.1 20.8 60.8

105 17.7 0.0 38.2

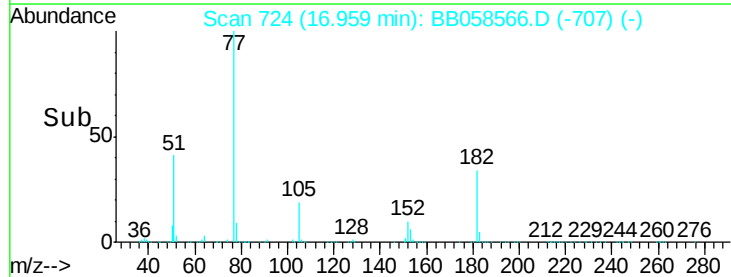
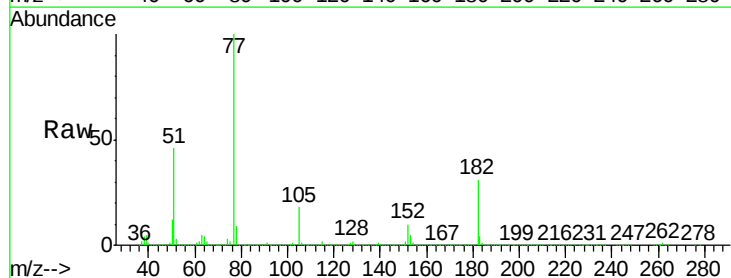
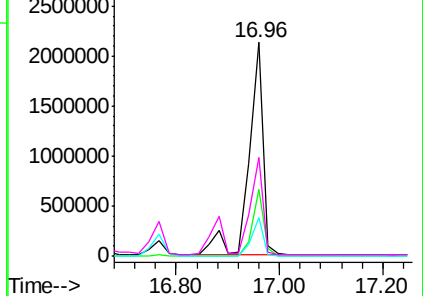
51 46.0 19.1 59.1

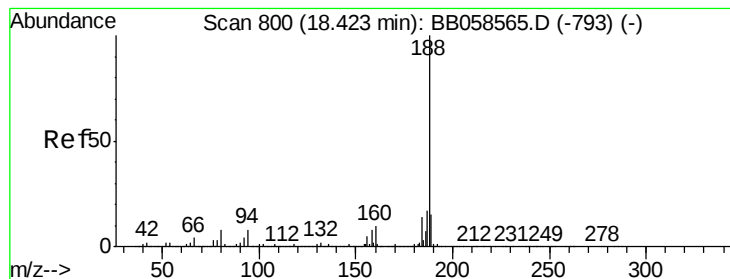
Abundance Ion 77.00 (76.70 to 77.70): BB0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BB0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.42 min Scan# 800

Delta R.T. -0.00 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Instrument :

BNA_B

ClientSampleId :

SSTDIC050

Tot Ion:188 Resp: 1752905

Ion Ratio Lower Upper

188 100

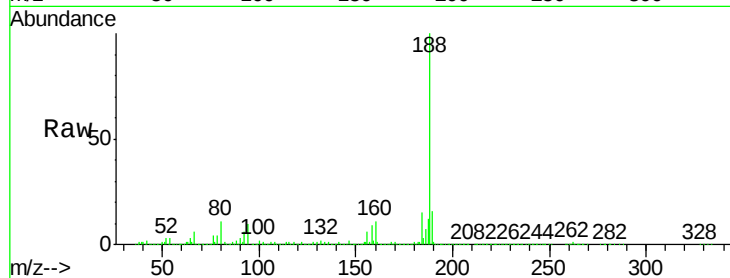
94 9.7 6.2 9.4#

80 11.0 6.9 10.3#

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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

1200000

1000000

800000

600000

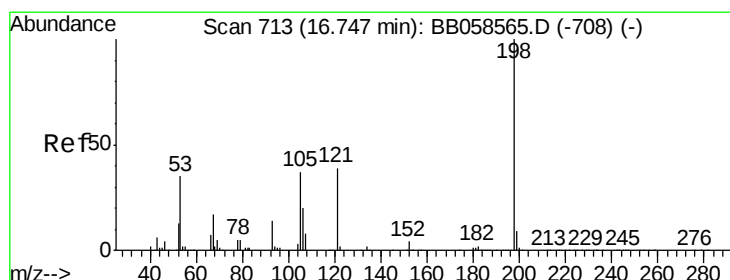
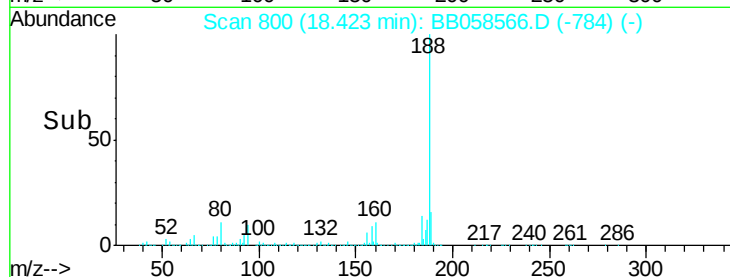
400000

200000

0

18.30 18.40 18.50

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 49.89 ng

RT: 16.77 min Scan# 714

Delta R.T. 0.02 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

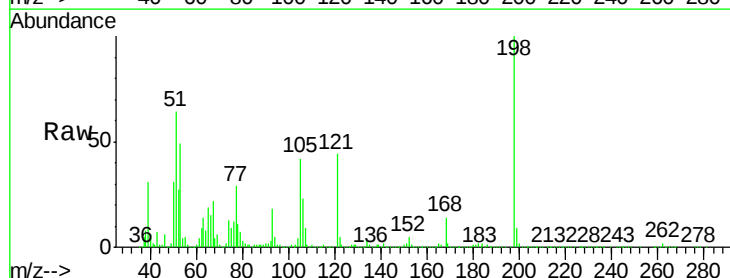
Tgt Ion:198 Resp: 919527

Ion Ratio Lower Upper

198 100

51 63.8 11.9 51.9#

105 41.8 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

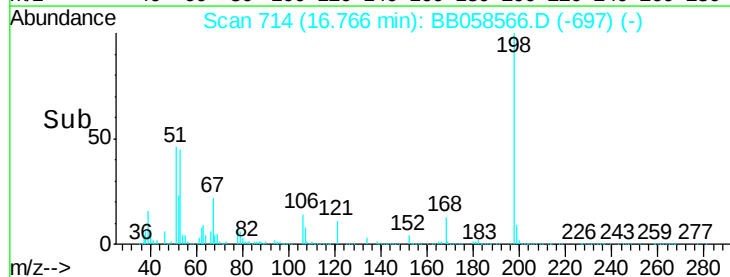
1000000

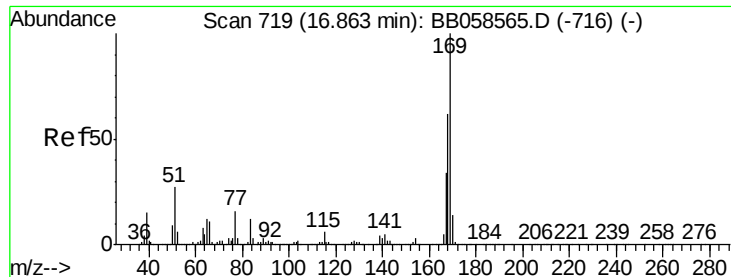
500000

0

16.60 16.80 17.00

Time-->





#65

n-Nitrosodiphenylamine

Concen: 48.07 ng

RT: 16.88 min Scan# 720

Delta R.T. 0.02 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Instrument :

BNA_B

ClientSampleId :

SSTDIC050

Tot Ion:169 Resp: 2831308

Ion Ratio Lower Upper

169 100

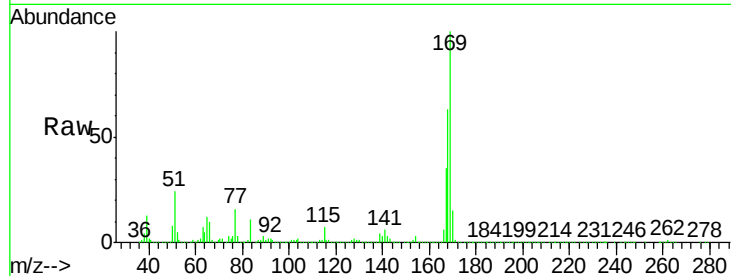
168 63.2 51.4 77.2

167 34.6 27.6 41.4

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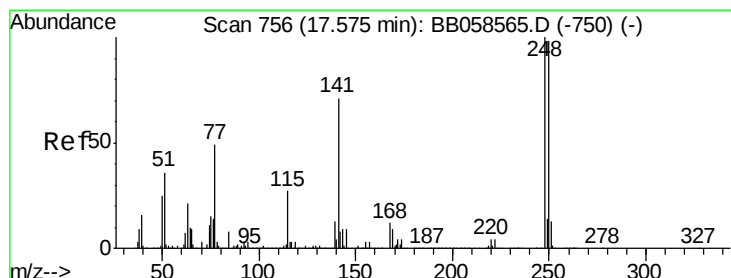
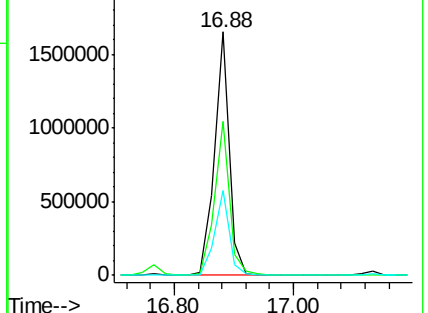
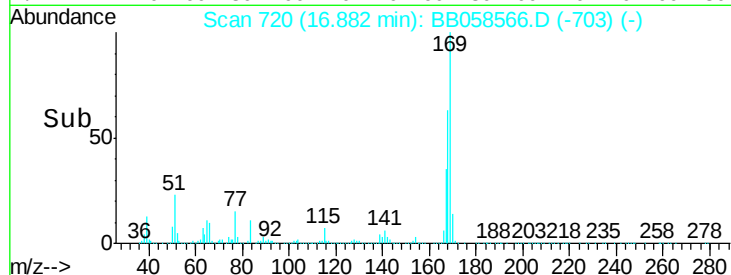
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.00 ng

RT: 17.58 min Scan# 756

Delta R.T. -0.00 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

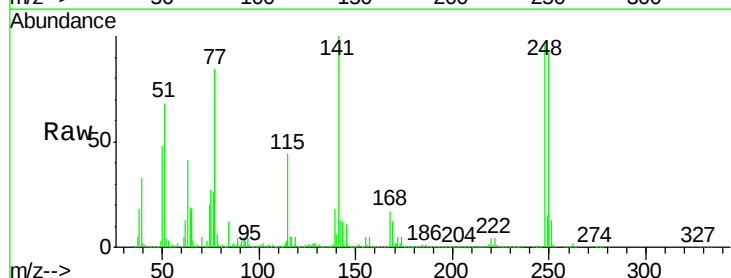
Tgt Ion:248 Resp: 910111

Ion Ratio Lower Upper

248 100

250 96.7 78.8 118.2

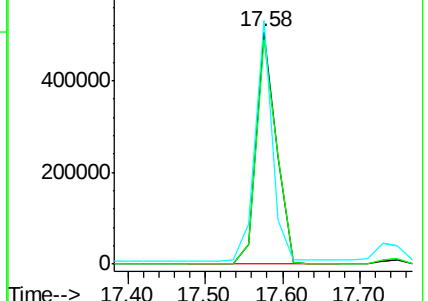
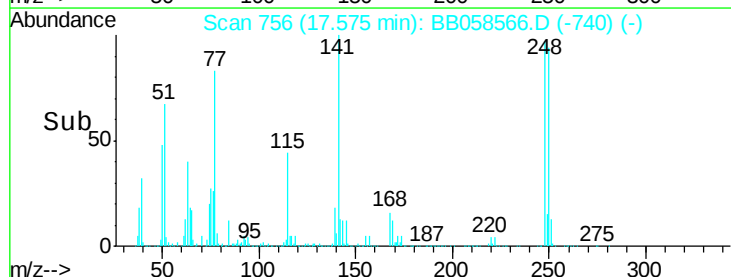
141 104.7 68.2 102.4#

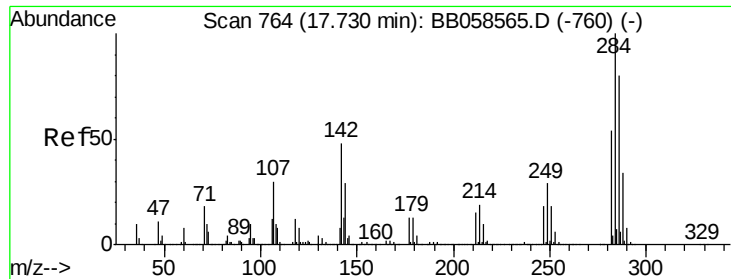


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 54.10 ng

RT: 17.75 min Scan# 765

Delta R.T. 0.02 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Instrument :

BNA_B

ClientSampleId :

SSTDIC050

Tot Ion:284 Resp: 1249742

Ion Ratio Lower Upper

284 100

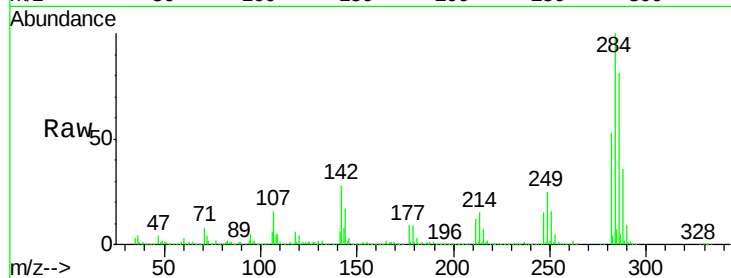
142 27.8 40.6 61.0#

249 27.1 24.8 37.2

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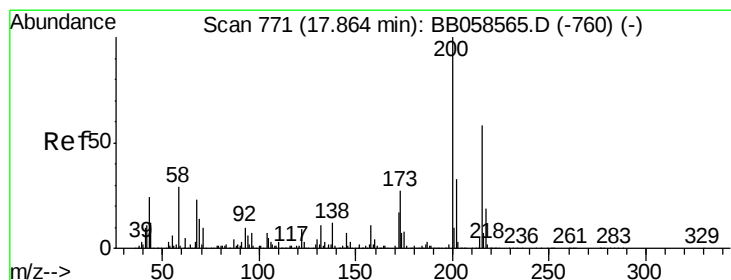
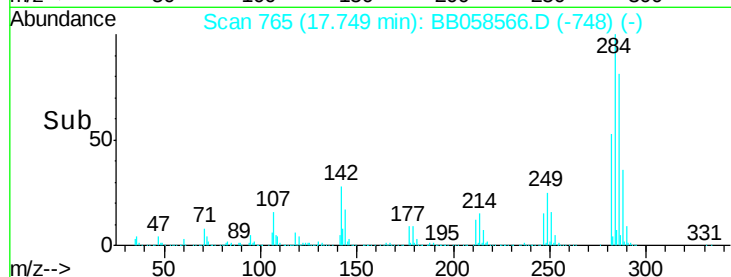
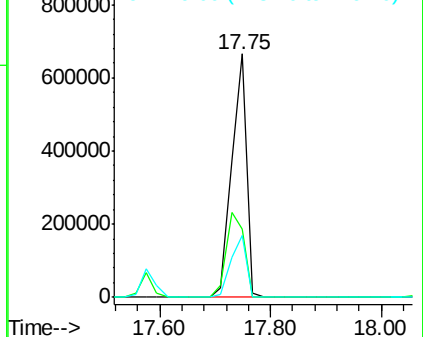
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 51.92 ng

RT: 17.86 min Scan# 771

Delta R.T. -0.00 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

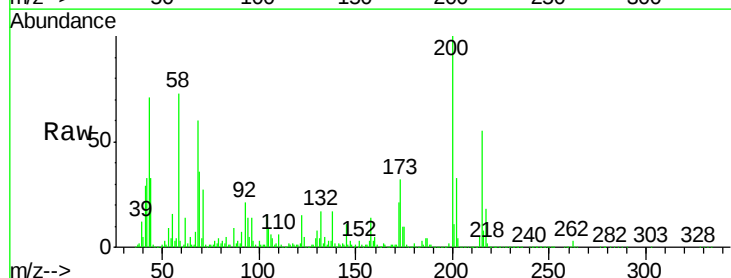
Tgt Ion:200 Resp: 978346

Ion Ratio Lower Upper

200 100

173 31.6 10.4 50.4

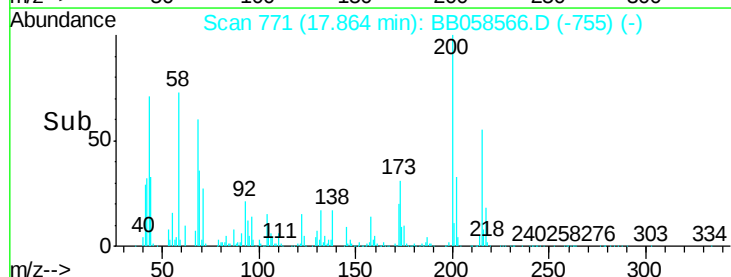
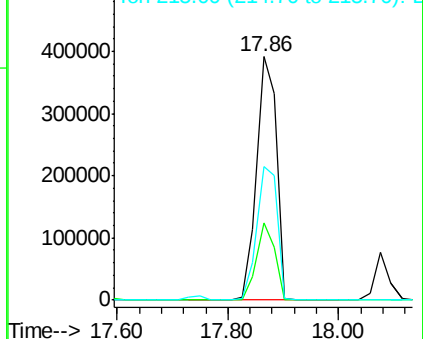
215 54.7 35.7 75.7

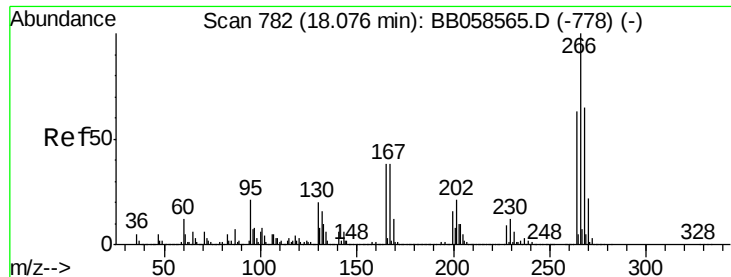


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





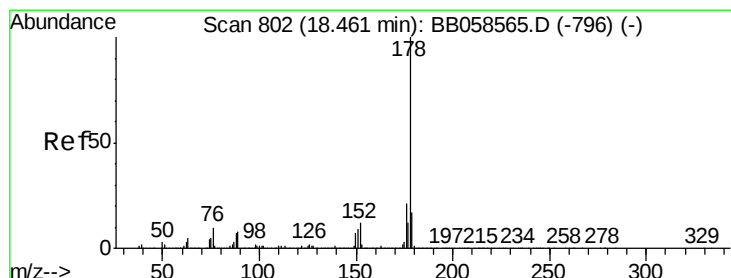
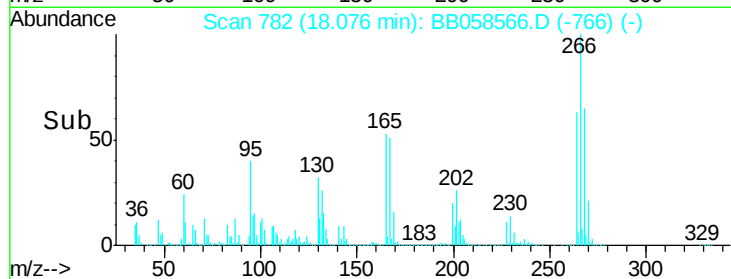
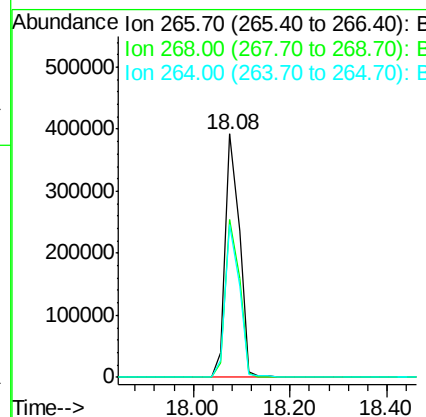
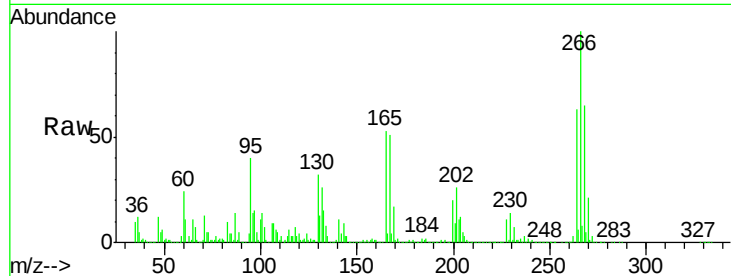
#69
 Pentachlorophenol
 Concen: 54.32 ng
 RT: 18.08 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BB058566.D
 Acq: 29 Sep 2016 20:38

Instrument :
 BNA_B
 ClientSampled :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
266	100	801416		
268	64.8	51.3	76.9	
264	62.6	50.2	75.2	

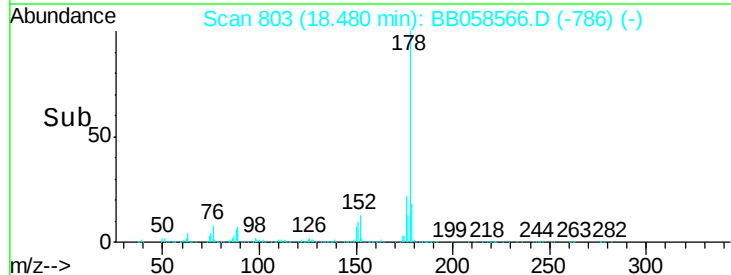
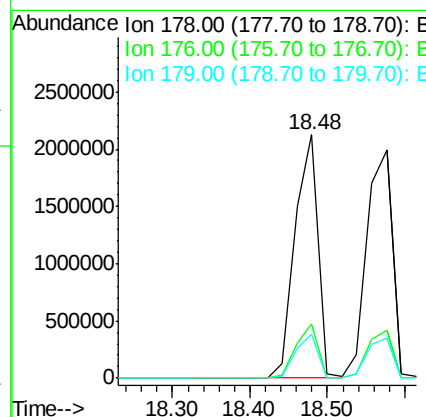
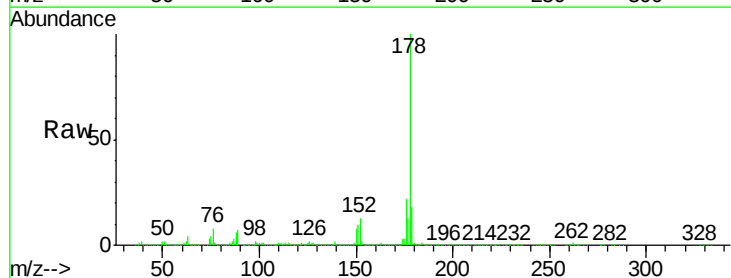
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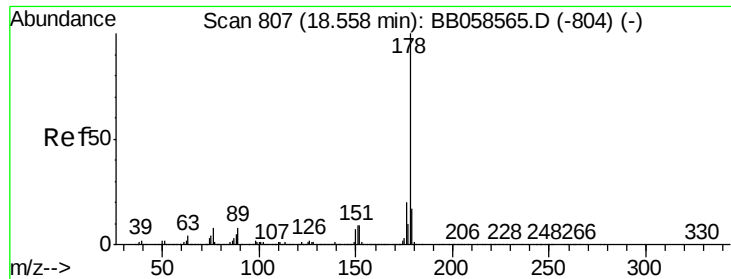
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#70
 Phenanthrene
 Concen: 48.24 ng
 RT: 18.48 min Scan# 803
 Delta R.T. 0.02 min
 Lab File: BB058566.D
 Acq: 29 Sep 2016 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	4400322		
176	22.3	17.2	25.8	
179	17.9	14.3	21.5	





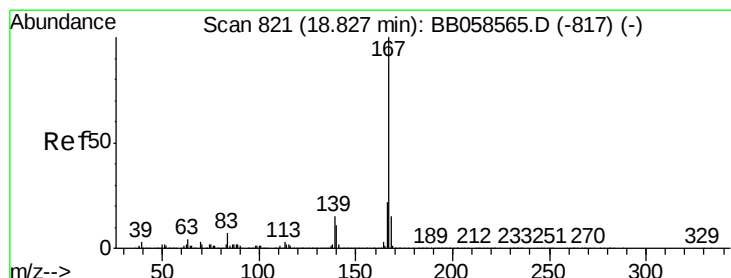
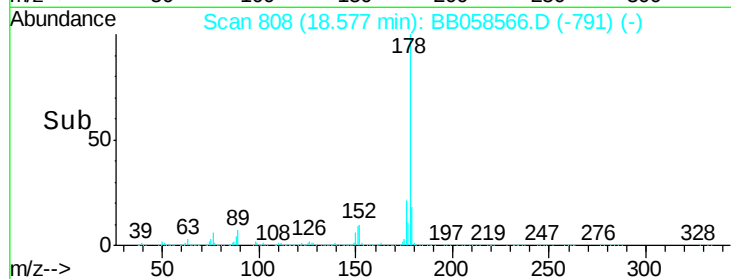
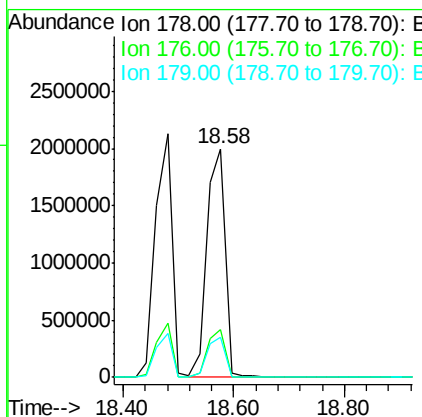
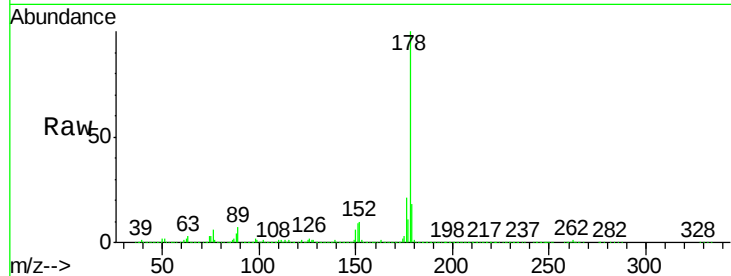
#71
 Anthracene
 Concen: 50.39 ng
 RT: 18.58 min Scan# 808
 Delta R.T. 0.02 min
 Lab File: BB058566.D
 Acq: 29 Sep 2016 20:38

Instrument :
 BNA_B
 ClientSampled :
 SSTDICC050

Tot Ion:178 Resp: 4576196
 Ion Ratio Lower Upper
 178 100
 176 21.0 17.6 26.4
 179 17.6 14.8 22.2

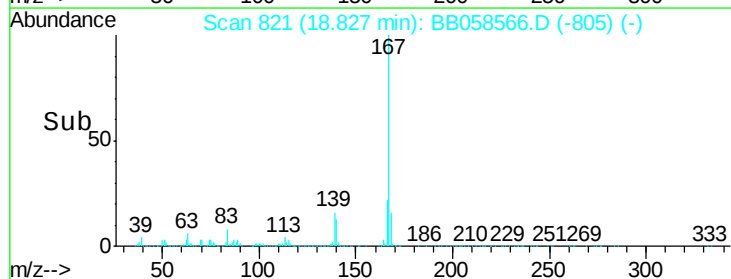
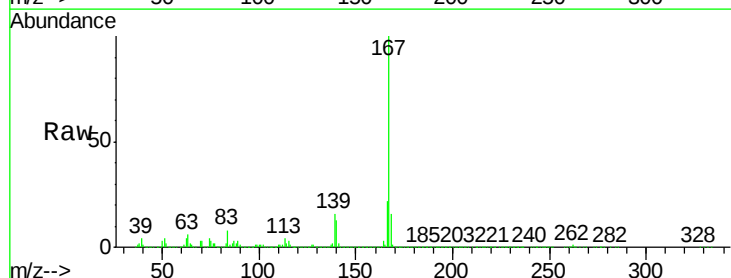
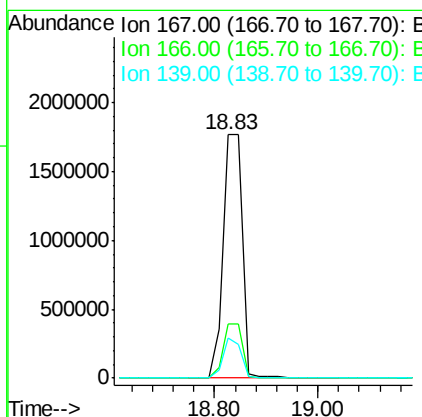
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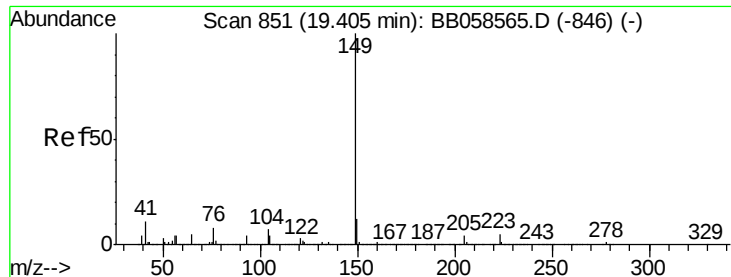
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#72
 Carbazole
 Concen: 52.49 ng
 RT: 18.83 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BB058566.D
 Acq: 29 Sep 2016 20:38

Tgt Ion:167 Resp: 4611143
 Ion Ratio Lower Upper
 167 100
 166 22.4 19.4 29.0
 139 16.4 14.1 21.1





#73

Di-n-butylphthalate

Concen: 46.92 ng

RT: 19.40 min Scan# 851

Delta R.T. -0.00 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Instrument :

BNA_B

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 5402772

Ion Ratio Lower Upper

149 100

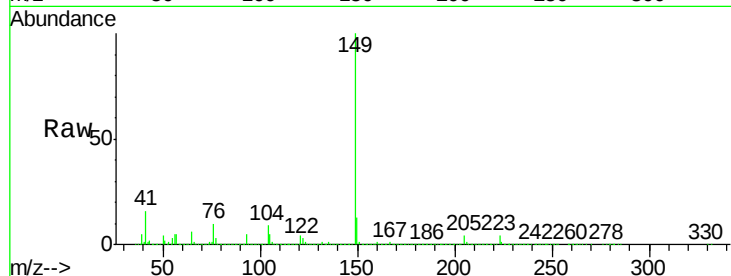
150 12.7 11.8 17.6

104 8.6 7.7 11.5

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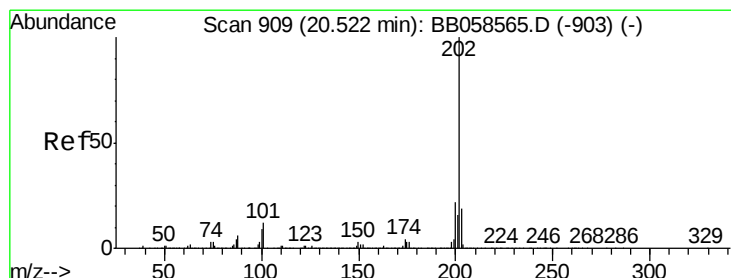
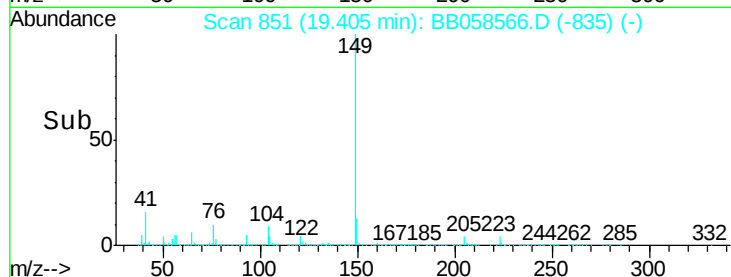
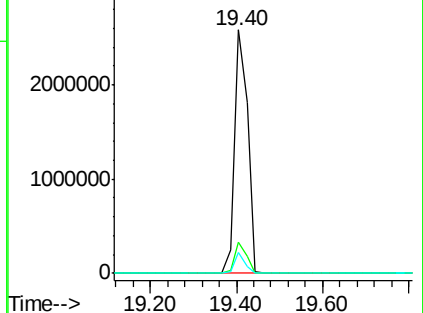
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.83 ng

RT: 20.52 min Scan# 909

Delta R.T. -0.00 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

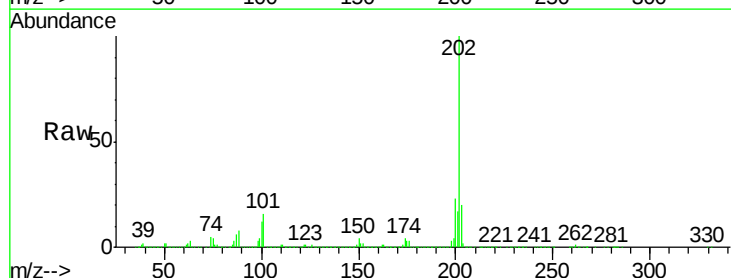
Tgt Ion:202 Resp: 4112052

Ion Ratio Lower Upper

202 100

101 15.6 0.0 34.3

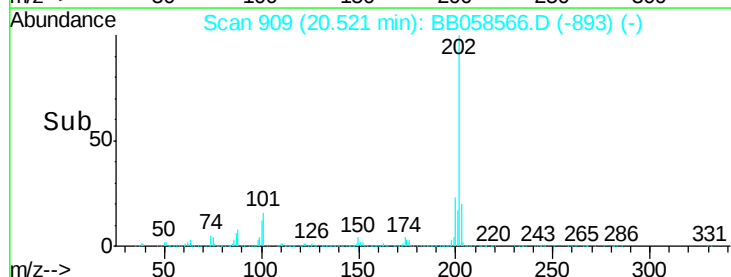
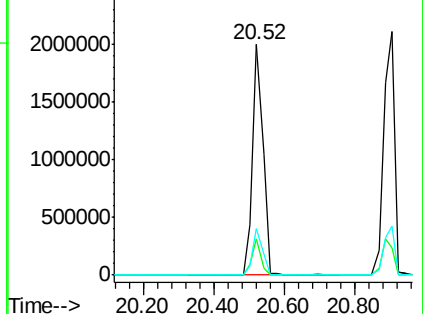
203 19.9 1.3 41.3

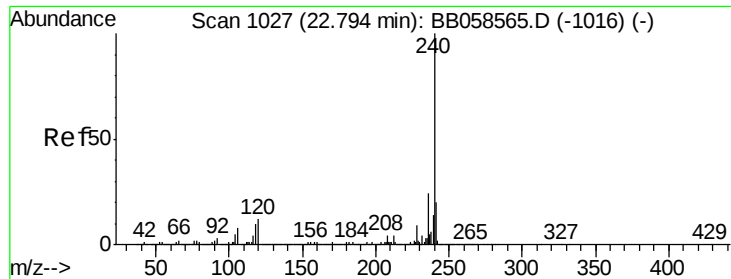


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





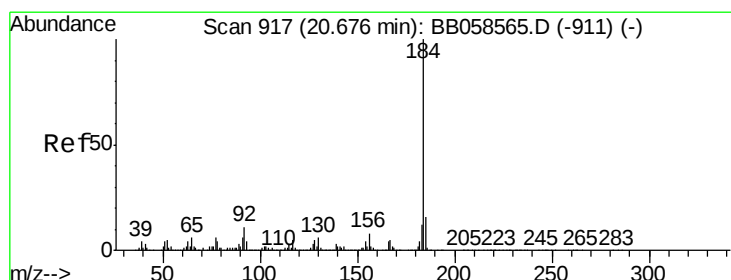
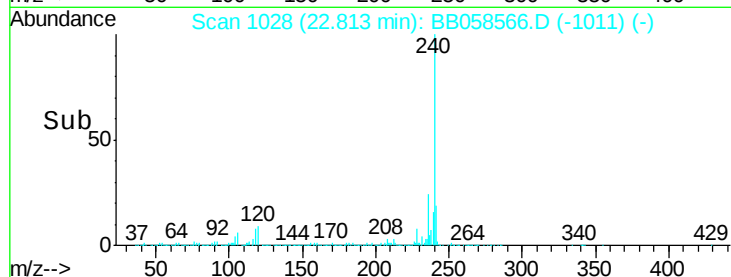
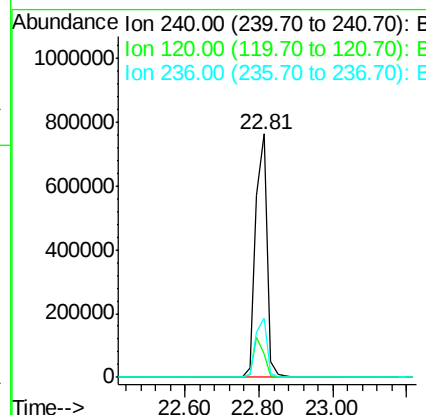
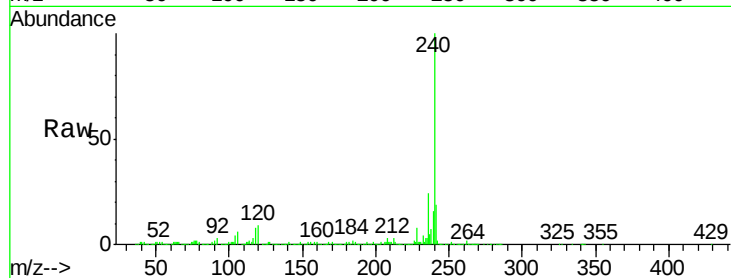
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.81 min Scan# 1028
Delta R.T. 0.02 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_B
ClientSampled :
SSTDIC050

Tot Ion:240 Resp: 1674572
Ion Ratio Lower Upper
240 100
120 9.5 13.3 19.9#
236 24.3 19.4 29.2

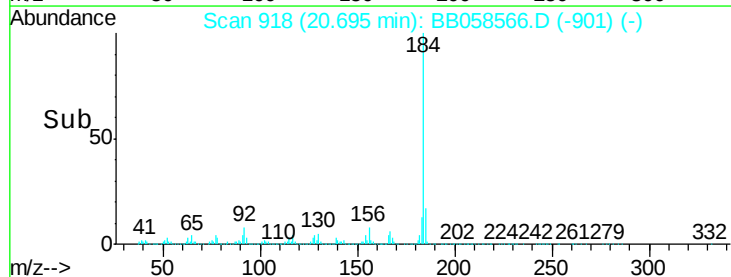
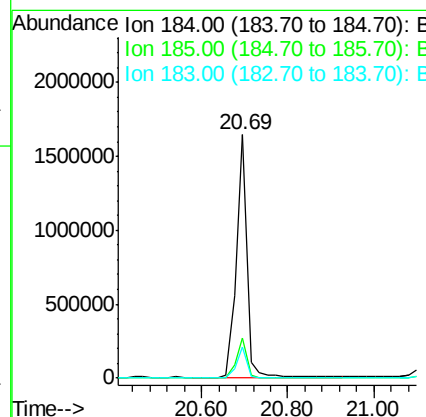
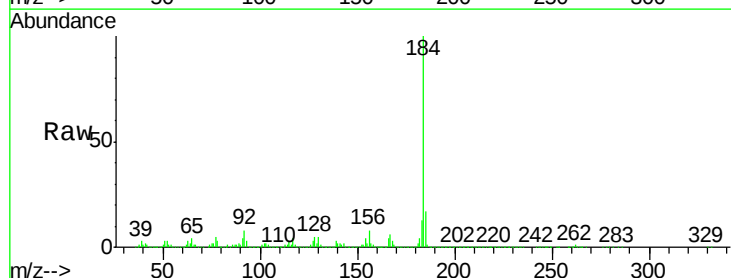
Manual Integrations
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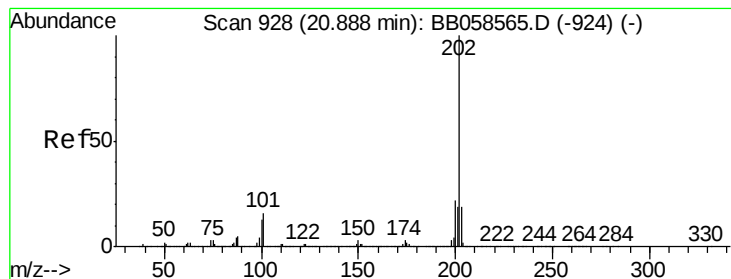
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#76
Benzidine
Concen: 57.52 ng
RT: 20.69 min Scan# 918
Delta R.T. 0.02 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tgt Ion:184 Resp: 2771605
Ion Ratio Lower Upper
184 100
185 16.7 11.5 17.3
183 13.0 9.8 14.6





#77

Pvrene

Concen: 51.37 ng

RT: 20.91 min Scan# 929

Delta R.T. 0.02 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Instrument :

BNA_B

ClientSampled :

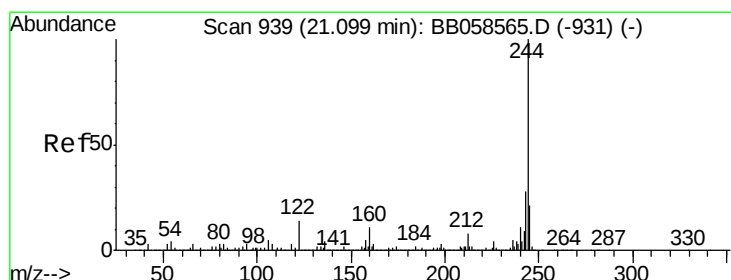
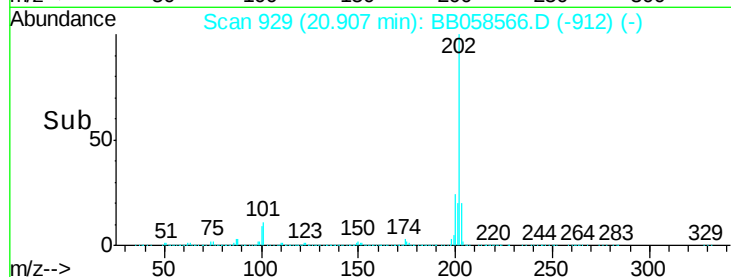
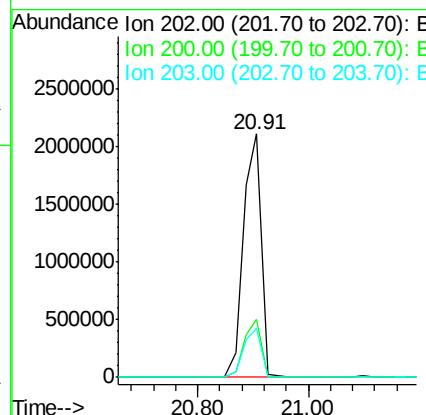
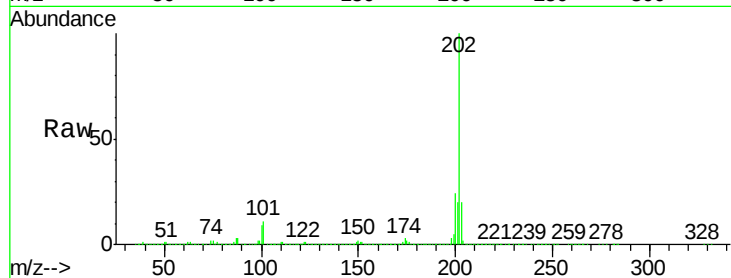
SSTDIC050

Tot Ion:202 Resp: 4687124

Ion	Ratio	Lower	Upper
202	100		
200	24.0	19.8	29.8
203	20.3	16.9	25.3

Manual Integrations
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#78

Terphenyl-d14

Concen: 87.02 ng

RT: 21.10 min Scan# 939

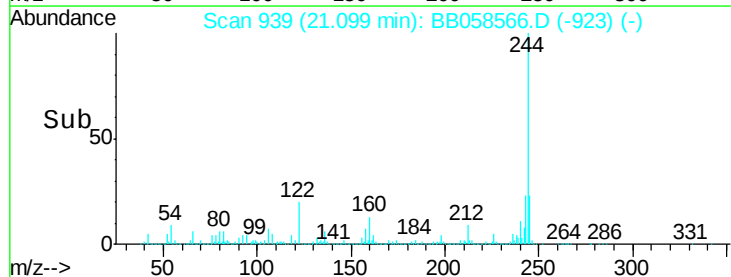
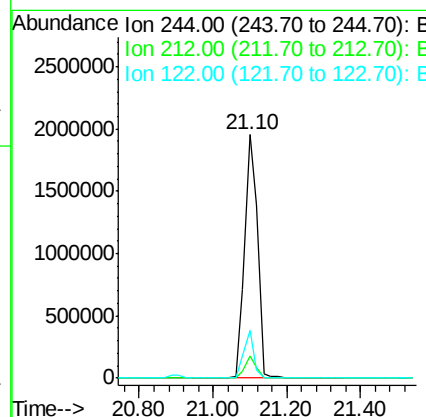
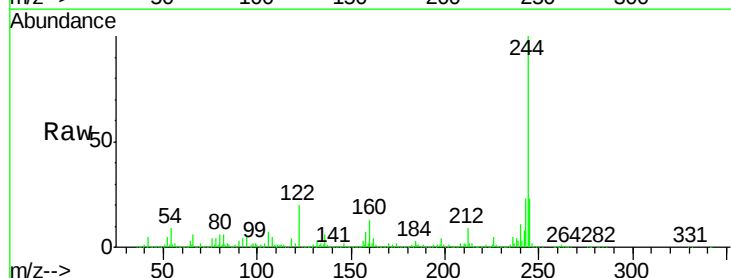
Delta R.T. -0.00 min

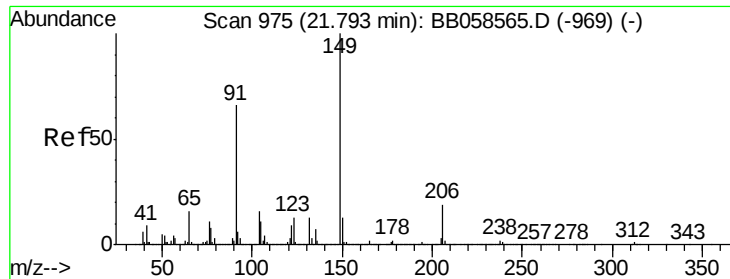
Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Tgt Ion:244 Resp: 4803390

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.8	11.8
122	19.7	14.7	22.1





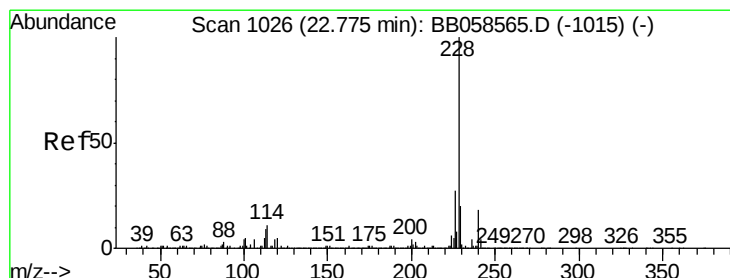
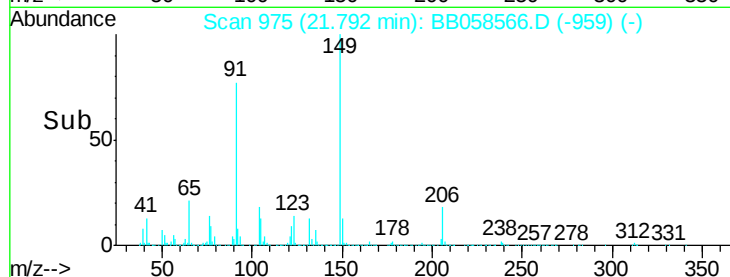
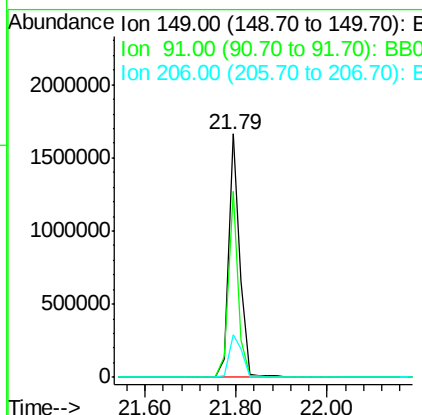
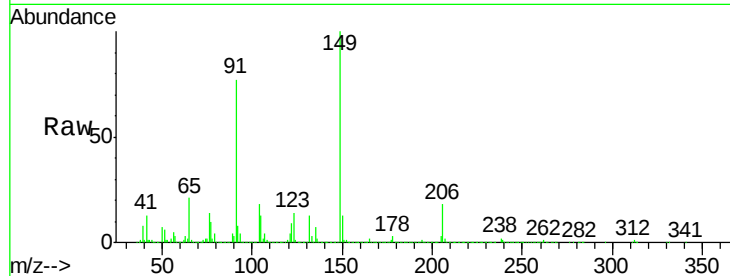
#79
Butylbenzylphthalate
Concen: 45.06 ng
RT: 21.79 min Scan# 975
Delta R.T. -0.00 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_B
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
91	76.7	57.1	85.7	
206	17.5	17.0	25.4	

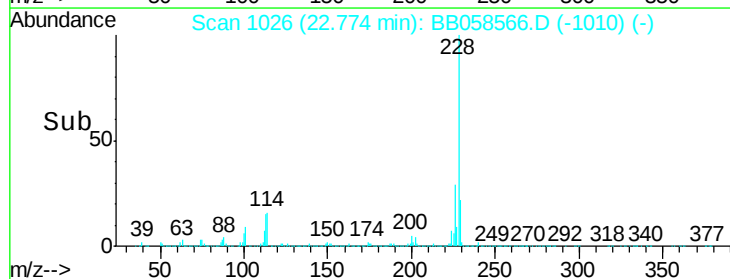
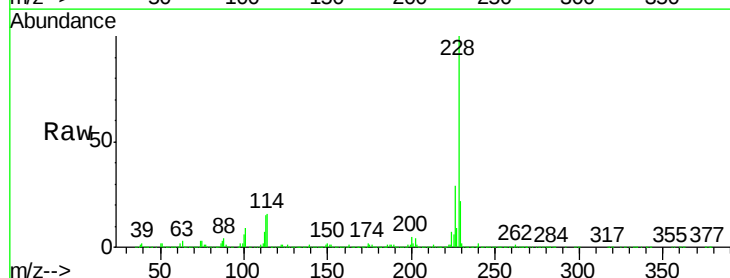
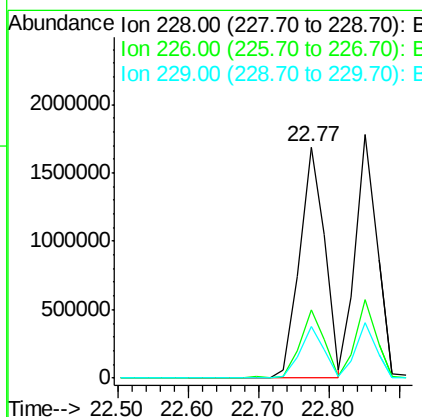
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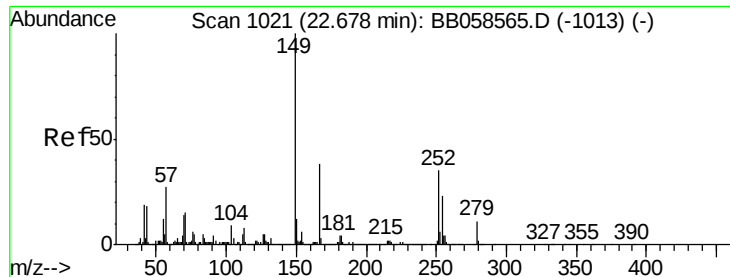
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#80
Benzo(a)anthracene
Concen: 48.30 ng
RT: 22.77 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	29.5	23.8	35.8	
229	22.5	17.8	26.6	





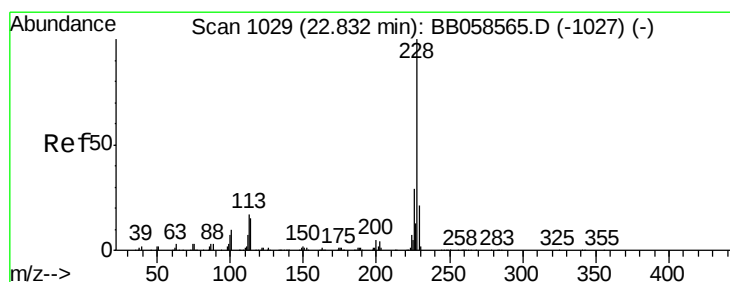
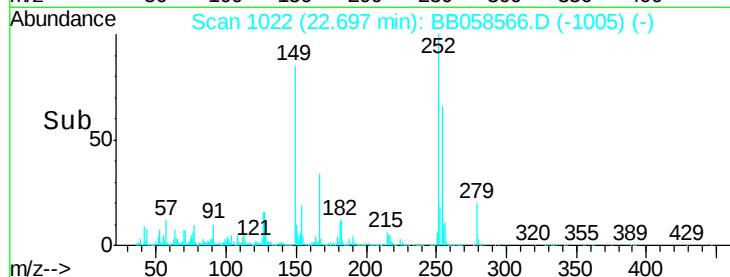
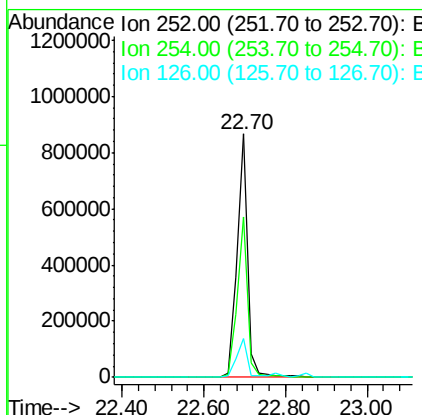
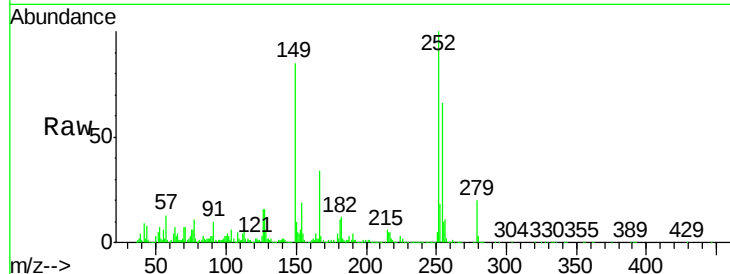
#81
 3,3'-Dichlorobenzidine
 Concen: 49.32 ng
 RT: 22.70 min Scan# 1022
 Delta R.T. 0.02 min
 Lab File: BB058566.D
 Acq: 29 Sep 2016 20:38

Instrument :
 BNA_B
 ClientSampled :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.8	79.2
126	16.0	7.3	10.9

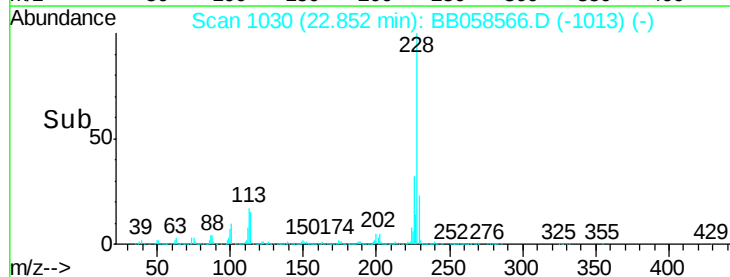
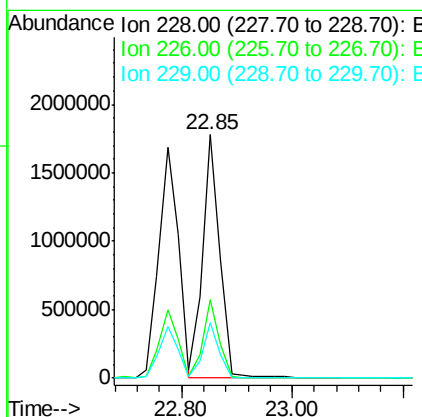
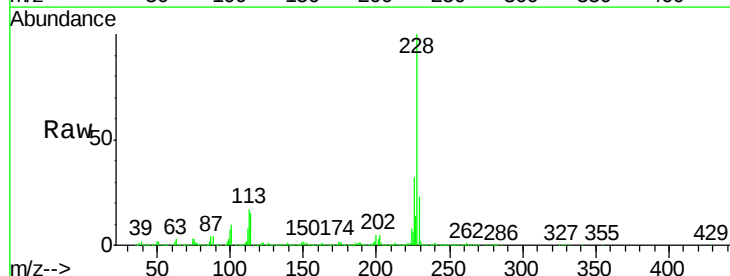
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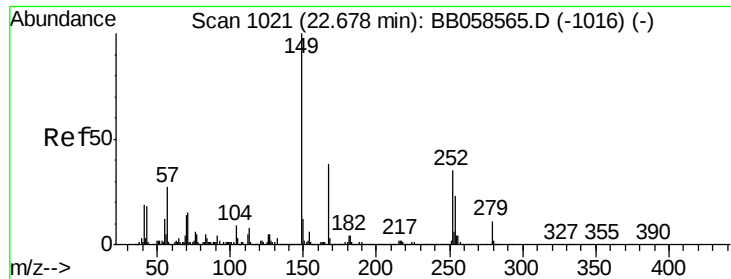
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#82
 Chrysene
 Concen: 46.72 ng
 RT: 22.85 min Scan# 1030
 Delta R.T. 0.02 min
 Lab File: BB058566.D
 Acq: 29 Sep 2016 20:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	27.3	40.9
229	22.6	18.6	28.0





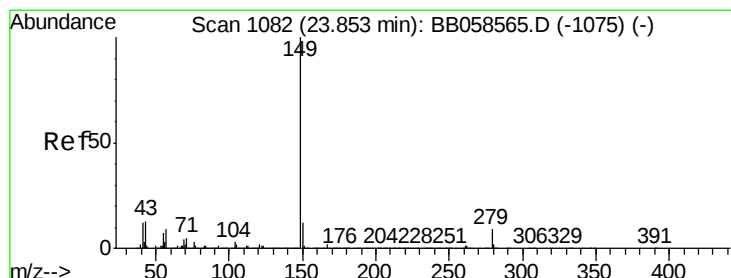
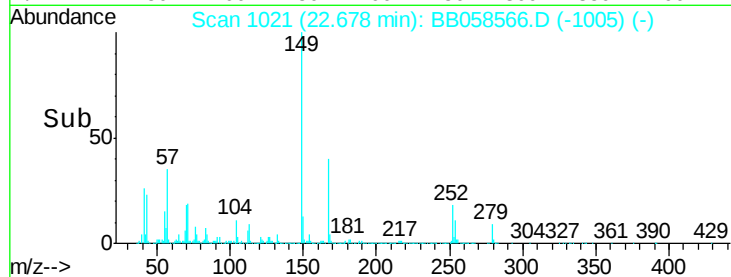
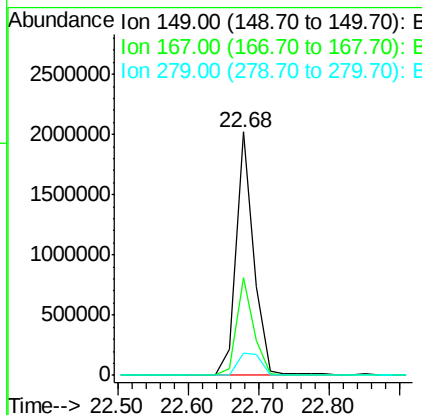
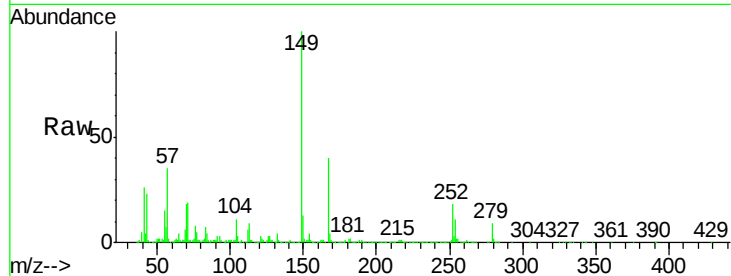
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.95 ng
 RT: 22.68 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BB058566.D
 Acq: 29 Sep 2016 20:38

Instrument :
 BNA_B
 ClientSampleID :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
149	100		
167	40.0	33.4	50.0
279	9.4	9.1	13.7

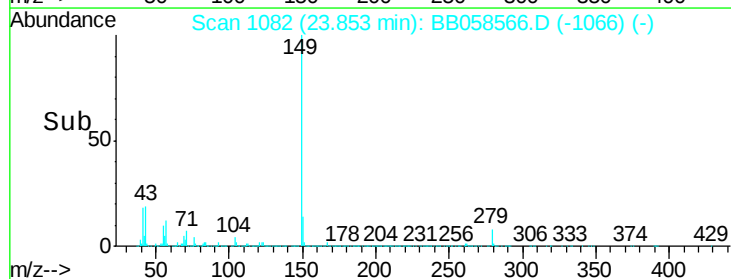
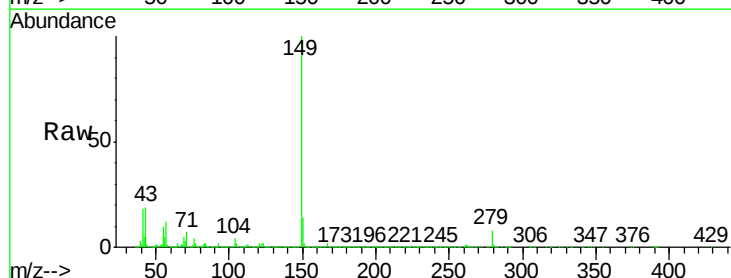
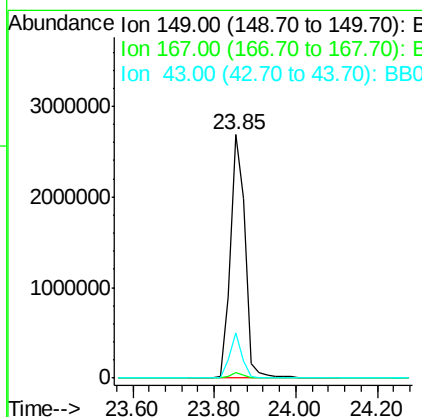
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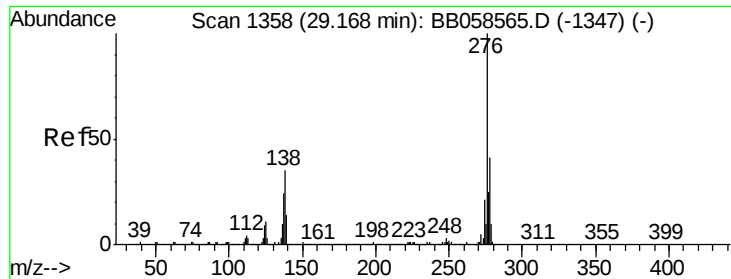
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#84
 Di-n-octyl phthalate
 Concen: 46.59 ng
 RT: 23.85 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: BB058566.D
 Acq: 29 Sep 2016 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.7	2.5
43	15.9	12.5	18.7





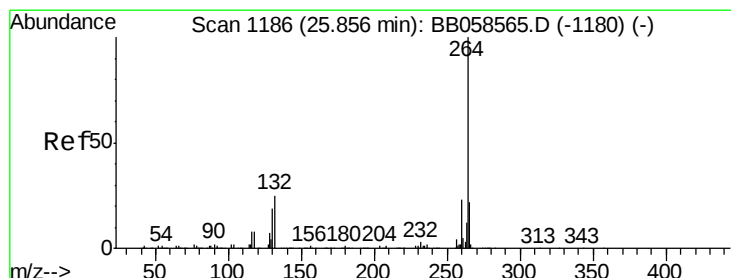
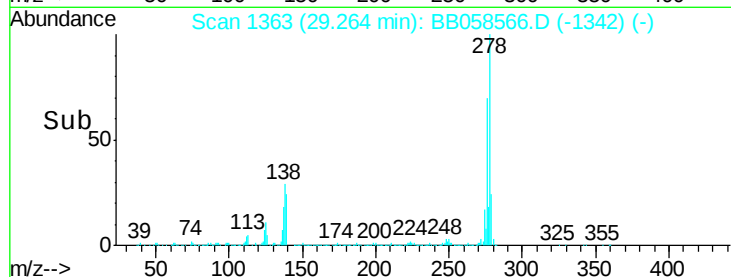
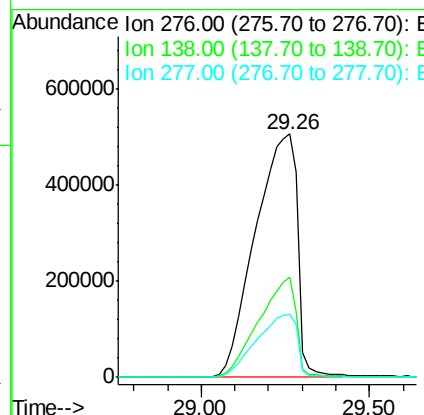
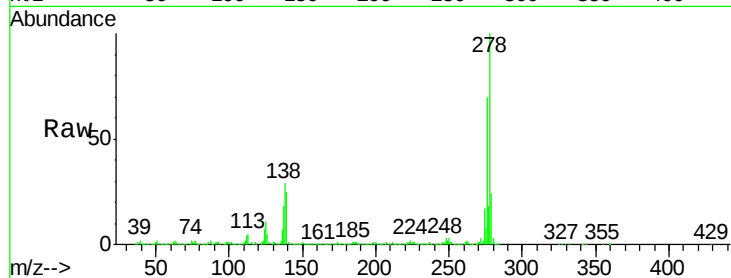
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.70 ng
RT: 29.26 min Scan# 1363
Delta R.T. 0.10 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_B
ClientSampleId :
SSTDIC050

Tot Ion:276 Resp: 4447285
Ion Ratio Lower Upper
276 100
138 36.6 28.2 42.2
277 25.2 20.2 30.4

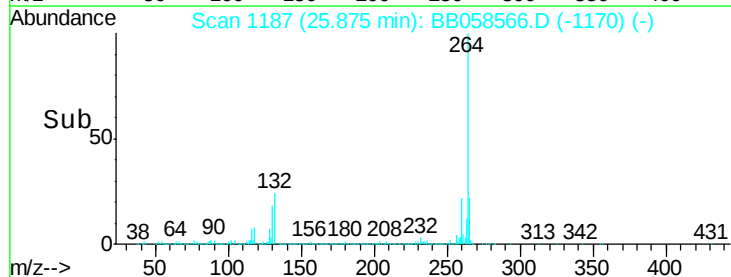
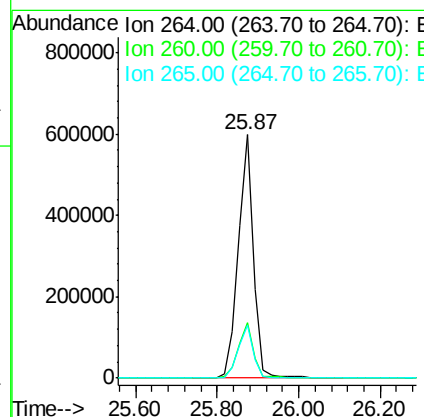
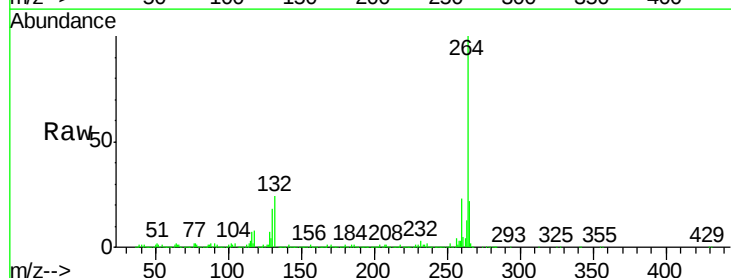
Manual Integrations
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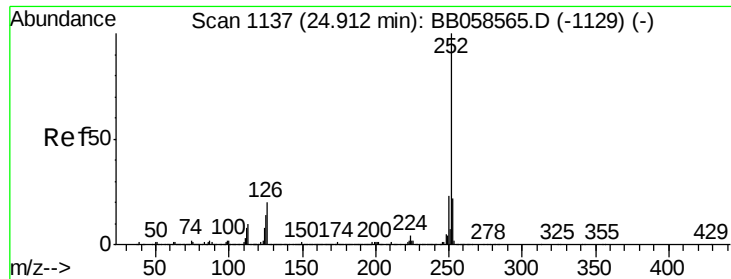
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.87 min Scan# 1187
Delta R.T. 0.02 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tgt Ion:264 Resp: 1578562
Ion Ratio Lower Upper
264 100
260 22.7 18.4 27.6
265 21.6 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 51.48 ng

RT: 24.95 min Scan# 1139

Delta R.T. 0.04 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

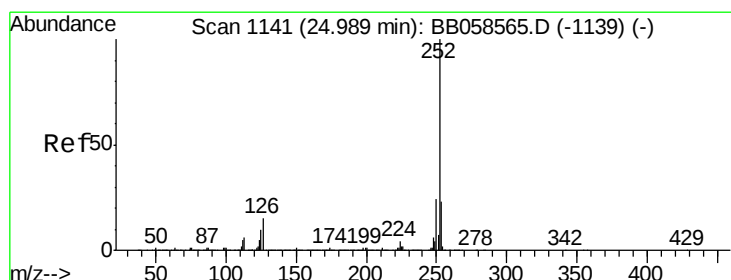
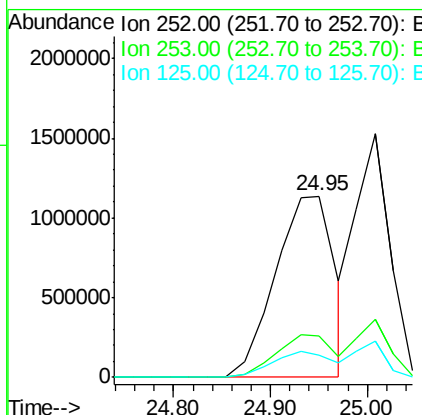
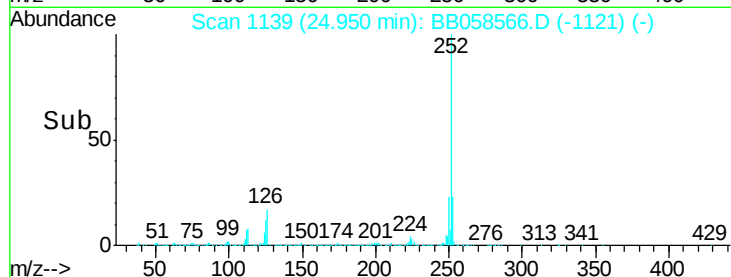
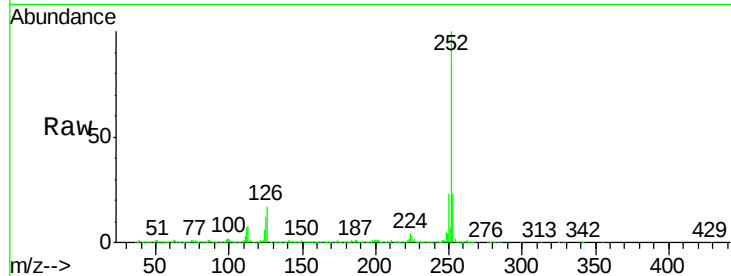
Instrument :
BNA_B

ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	12.2	11.3	16.9

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 47.31 ng

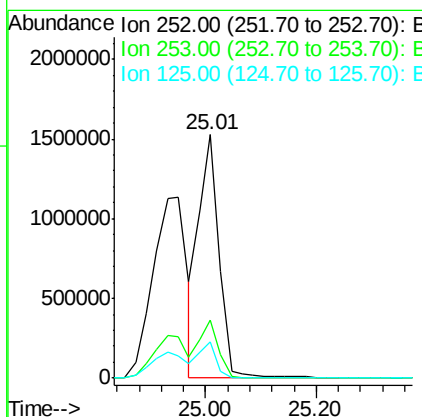
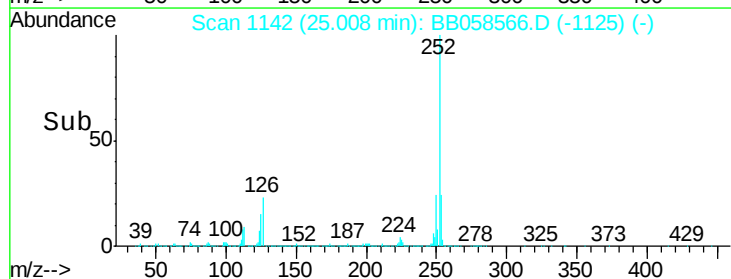
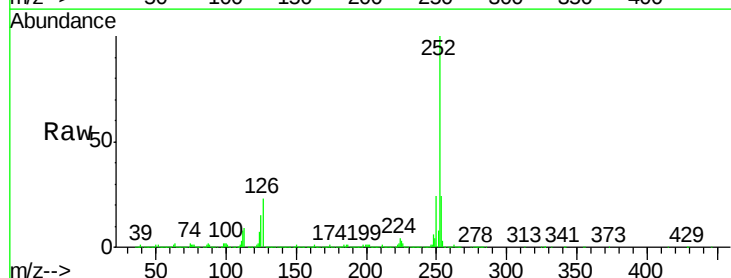
RT: 25.01 min Scan# 1142

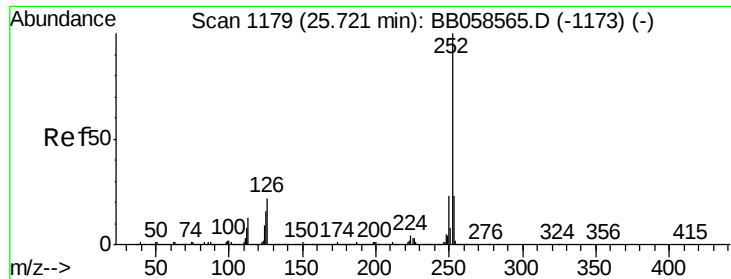
Delta R.T. 0.02 min

Lab File: BB058566.D

Acq: 29 Sep 2016 20:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.2	28.8
125	14.8	11.0	16.6





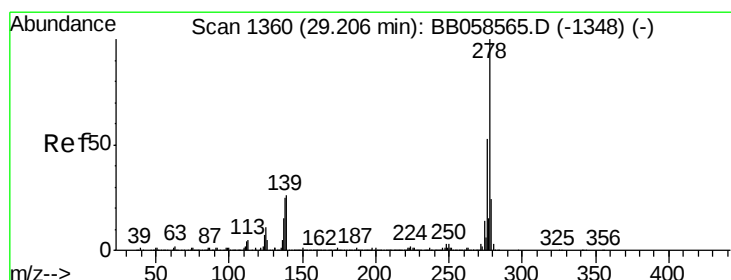
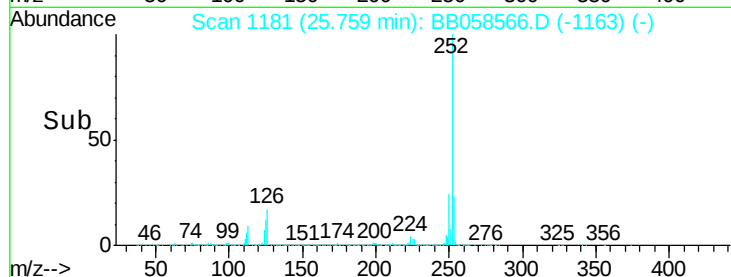
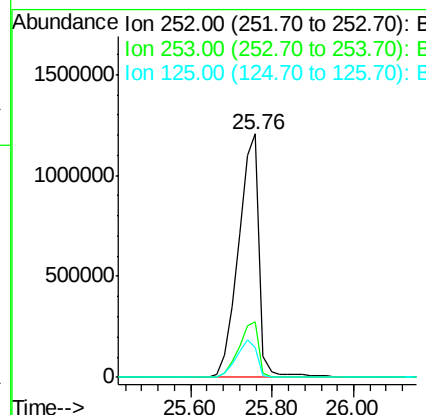
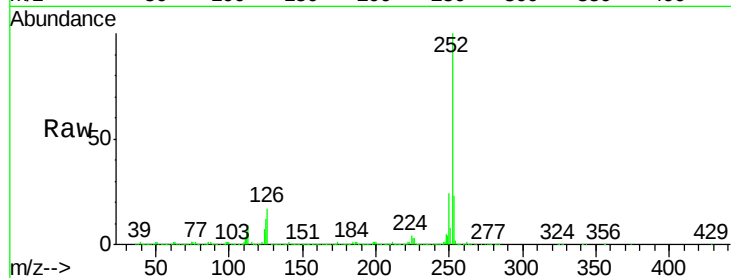
#89
Benzo(a)pyrene
Concen: 51.96 ng
RT: 25.76 min Scan# 1181
Delta R.T. 0.04 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Instrument :
BNA_B
ClientSampleId :
SSTDIC050

Tot Ion: 252 Resp: 4251425
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 12.4 9.5 14.3

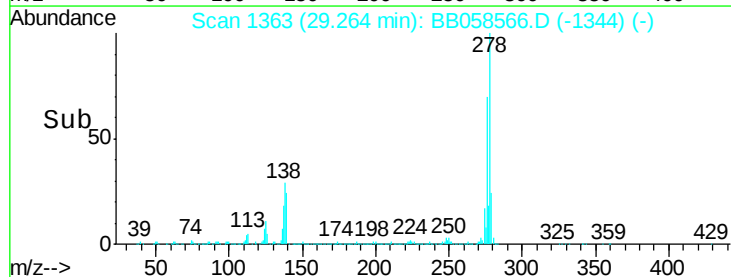
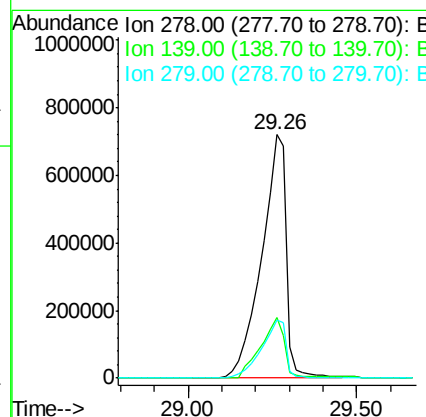
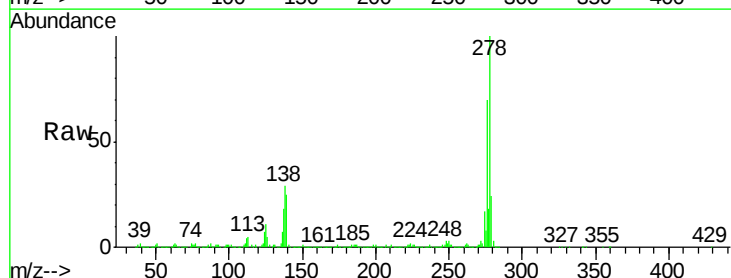
Manual Integrations
APPROVED

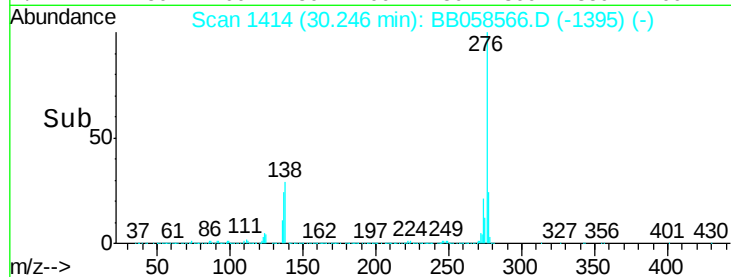
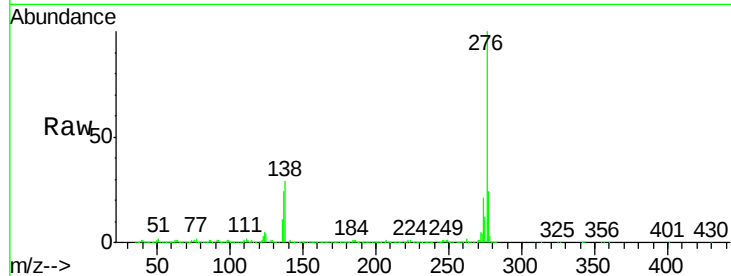
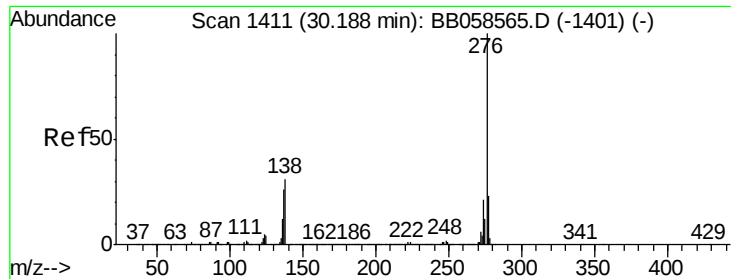
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#90
Dibenzo(a,h)anthracene
Concen: 50.07 ng
RT: 29.26 min Scan# 1363
Delta R.T. 0.06 min
Lab File: BB058566.D
Acq: 29 Sep 2016 20:38

Tgt Ion: 278 Resp: 3696127
Ion Ratio Lower Upper
278 100
139 24.7 19.7 29.5
279 24.0 19.9 29.9





#91
 Benzo(a,h,i)perylene
 Concen: 47.10 ng
 RT: 30.25 min Scan# 1414
 Delta R.T. 0.06 min
 Lab File: BB058566.D
 Acq: 29 Sep 2016 20:38

Instrument :
 BNA_B
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	29.0	22.0	33.0

Manual Integrations
 APPROVED

sohil
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