

Data Path : Z:\HPCHEM1\BNA B\DATA\BB093016\
 Data File : BB058571.D
 Acq On : 30 Sep 2016 17:31
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

Manual Integrations
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 9/30/2016 7:24:47 PM

Quant Time: Sep 30 18:59:02 2016
 Quant Method : Z:\HPCHEM1\BNA B\METHOD\8270-BB093016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 30 14:16:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	398125	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	1537363	20.00	ng	0.00
38) Acenaphthene-d10	15.59	164	772817	20.00	ng	0.00
63) Phenanthrene-d10	18.42	188	1292628	20.00	ng	0.00
75) Chrysene-d12	22.79	240	1198843	20.00	ng	-0.02
86) Perylene-d12	25.87	264	1092513	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.08	112	2102691	81.04	ng	0.00
7) Phenol-d6	7.83	99	2459021	80.59	ng	-0.02
23) Nitrobenzene-d5	9.91	82	2562728	80.29	ng	-0.02
41) 2,4,6-Tribromophenol	17.13	330	767978	77.58	ng	-0.02
44) 2-Fluorobiphenyl	14.16	172	3643182	77.90	ng	-0.02
78) Terphenyl-d14	21.10	244	3027404	72.04	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.69	88	411286	39.72	ng	96
3) Pyridine	4.13	79	1050002	40.32	ng	97
4) n-Nitrosodimethylamine	4.07	42	792724	40.80	ng	97
6) Aniline	7.96	93	1538916	40.83	ng	97
8) 2-Chlorophenol	8.23	128	1194385	40.61	ng	98
9) Benzaldehyde	7.75	77	679006	41.33	ng	98
10) Phenol	7.85	94	1264818	40.15	ng	95
11) bis(2-Chloroethyl)ether	8.06	93	1125876	40.80	ng	93
12) 1,3-Dichlorobenzene	8.56	146	1201479	40.24	ng	99
13) 1,4-Dichlorobenzene	8.71	146	1242544	40.56	ng	98
14) 1,2-Dichlorobenzene	9.06	146	1167548	40.72	ng	97
15) Benzyl Alcohol	8.95	79	920048	41.65	ng	97
16) 2,2'-oxybis(1-Chloropropan	9.25	45	2081778	41.46	ng	98
17) 2-Methylphenol	9.18	107	836624	40.02	ng	99
18) Hexachloroethane	9.83	117	551243	40.82	ng	# 87
19) n-Nitroso-di-n-propylamine	9.56	70	908995	41.29	ng	95
20) 3+4-Methylphenols	9.54	107	1121341	41.05	ng	# 77
22) Acetophenone	9.54	105	1404464	39.83	ng	92
24) Nitrobenzene	9.95	77	1261569	39.19	ng	91
25) Isophorone	10.51	82	2454794	39.77	ng	95
26) 2-Nitrophenol	10.70	139	739705	40.19	ng	97
27) 2,4-Dimethylphenol	10.78	122	1055250	40.39	ng	96
28) bis(2-Chloroethoxy)methane	11.01	93	1314968	40.27	ng	100
29) 2,4-Dichlorophenol	11.28	162	971400	40.08	ng	97
30) 1,2,4-Trichlorobenzene	11.49	180	968181	39.45	ng	97
31) Naphthalene	11.68	128	2932893	39.47	ng	96
32) Benzoic acid	11.06	122	700164	39.94	ng	98
33) 4-Chloroaniline	11.78	127	1315585	39.89	ng	96
34) Hexachlorobutadiene	12.03	225	515031	39.74	ng	99
35) Caprolactam	12.64	113	399444m	39.68	ng	
36) 4-Chloro-3-methylphenol	12.97	107	1035722	38.93	ng	98
37) 2-Methylnaphthalene	13.34	142	1884403	38.75	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	907593	41.17	ng	100
40) Hexachlorocyclopentadiene	13.74	237	441884	41.15	ng	97

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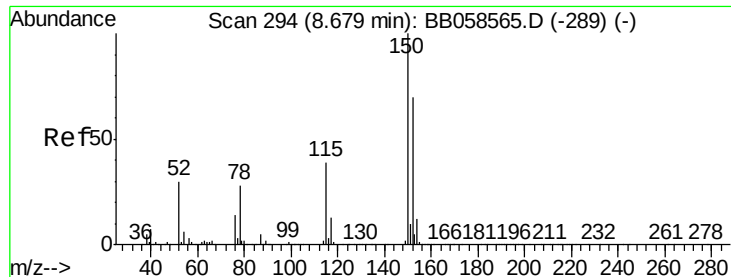
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	673011	39.85	nq	97
43) 2,4,5-Trichlorophenol	14.05	196	679328	38.94	nq	96
45) 1,1'-Biphenyl	14.38	154	2370051	38.99	nq	95
46) 2-Chloronaphthalene	14.41	162	1876074	38.92	nq	97
47) 2-Nitroaniline	14.61	65	742001	38.66	nq	90
48) Acenaphthylene	15.30	152	3092071	41.76	nq	96
49) Dimethylphthalate	15.03	163	2494877	44.12	nq	98
50) 2,6-Dinitrotoluene	15.13	165	642386	39.66	nq	# 85
51) Acenaphthene	15.65	154	1951816	38.85	nq	98
52) 3-Nitroaniline	15.47	138	698238	40.93	nq	96
53) 2,4-Dinitrophenol	15.69	184	442596	42.36	nq	90
54) Dibenzofuran	15.99	168	2476621	39.23	nq	97
55) 4-Nitrophenol	15.80	139	577639	38.18	nq	96
56) 2,4-Dinitrotoluene	15.96	165	884417	41.31	nq	97
57) Fluorene	16.67	166	2093637	40.26	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.24	232	509220	39.31	nq	97
59) Diethylphthalate	16.44	149	2580071	42.22	nq	96
60) 4-Chlorophenyl-phenylether	16.65	204	973817	40.25	nq	95
61) 4-Nitroaniline	15.47	138	698238	40.93	nq	96
62) Azobenzene	16.96	77	2419145	39.17	nq	88
64) 4,6-Dinitro-2-methylphenol	16.76	198	571961	42.12	nq	98
65) n-Nitrosodiphenylamine	16.88	169	1934898	42.40	nq	97
66) 4-Bromophenyl-phenylether	17.57	248	562832	39.19	nq	# 86
67) Hexachlorobenzene	17.75	284	733745	41.69	nq	# 77
68) Atrazine	17.86	200	574759	38.84	nq	97
69) Pentachlorophenol	18.07	266	460214	40.57	nq	100
70) Phenanthrene	18.48	178	2817268	40.98	nq	96
71) Anthracene	18.55	178	2862623	40.74	nq	94
72) Carbazole	18.82	167	2706790	38.82	nq	95
73) Di-n-butylphthalate	19.40	149	3831300	38.15	nq	# 91
74) Fluoranthene	20.52	202	2617316	38.04	nq	96
76) Benzidine	20.69	184	1690114	44.97	nq	99
77) Pyrene	20.88	202	2906674	40.62	nq	93
79) Butylbenzylphthalate	21.79	149	1964764	38.47	nq	# 94
80) Benzo(a)anthracene	22.77	228	2581401	40.27	nq	97
81) 3,3'-Dichlorobenzidine	22.68	252	1019268	41.02	nq	# 96
82) Chrysene	22.85	228	2574209	42.07	nq	95
83) Bis(2-ethylhexyl)phthalate	22.68	149	2561716	39.64	nq	# 91
84) Di-n-octyl phthalate	23.85	149	4464137	39.50	nq	98
85) Indeno(1,2,3-cd)pyrene	29.18	276	2343108	38.52	nq	97
87) Benzo(b)fluoranthene	24.93	252	2544277	37.06	nq	97
88) Benzo(k)fluoranthene	24.99	252	2466123	43.81	nq	97
89) Benzo(a)pyrene	25.74	252	2378954	40.48	nq	# 97
90) Dibenzo(a,h)anthracene	29.22	278	1906367	38.97	nq	98
91) Benzo(g,h,i)perylene	30.20	276	1817111	39.11	nq	98

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



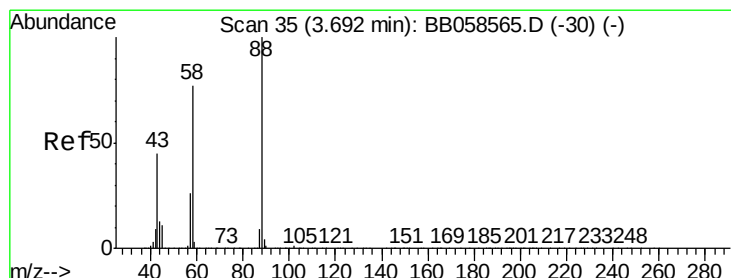
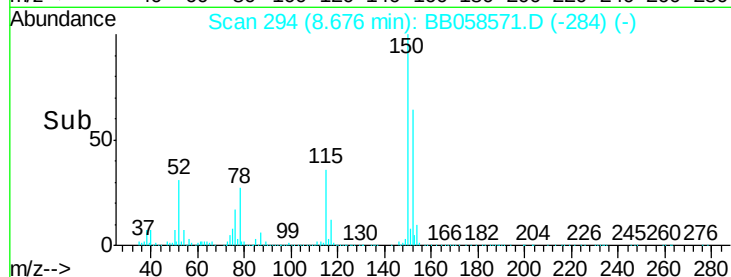
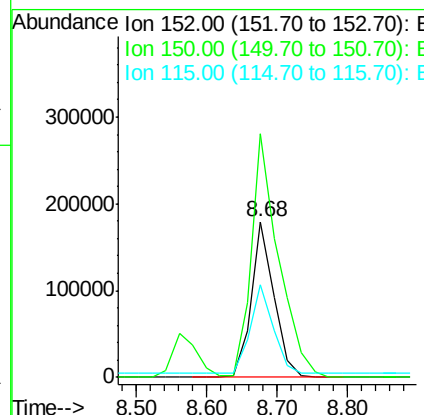
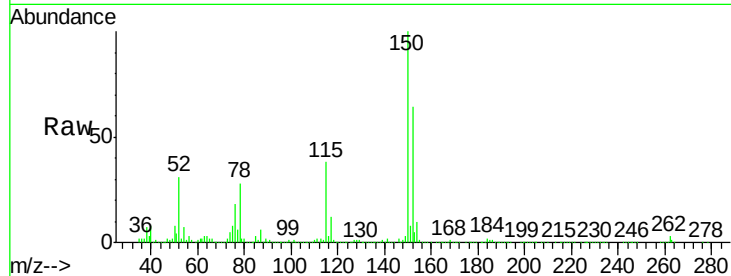
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.68 min Scan# 294
Delta R.T. -0.00 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	Ratio	Resp	Lower	Upper
152	100	398125		
150	156.8	122.9	184.3	
115	59.6	48.5	72.7	

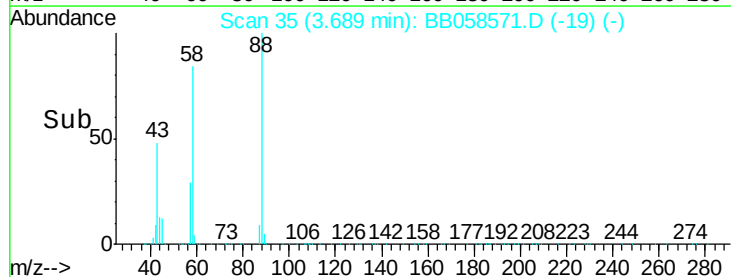
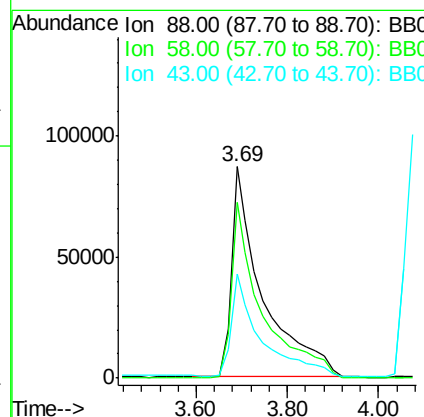
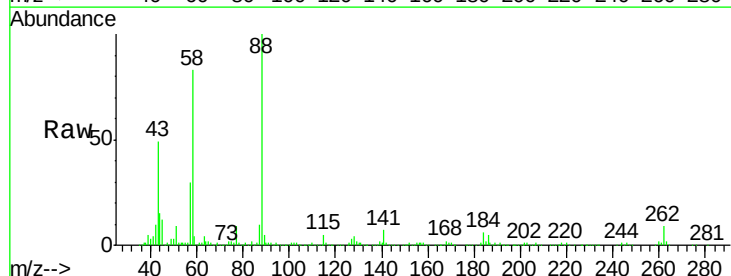
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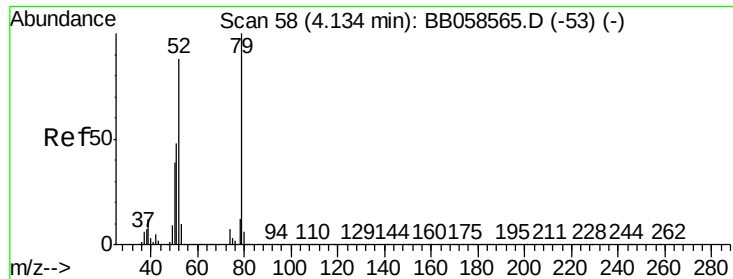
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#2
1,4-Dioxane
Concen: 39.72 ng
RT: 3.69 min Scan# 35
Delta R.T. -0.00 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	411286		
58	82.5	62.6	93.8	
43	46.5	36.5	54.7	





#3

Pvridine

Concen: 40.32 ng

RT: 4.13 min Scan# 58

Delta R.T. -0.00 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Instrument :

BNA_B

ClientSampleId :

ICVBB093016

Tot Ion: 79 Resp: 1050002

Ion Ratio Lower Upper

79 100

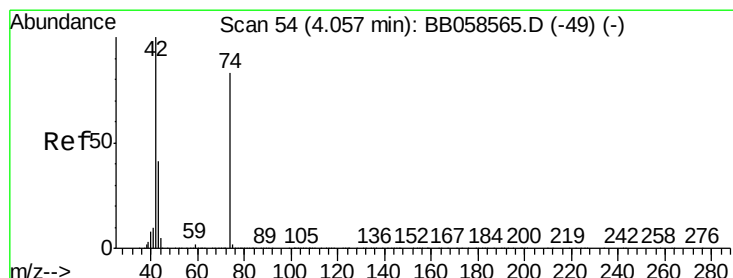
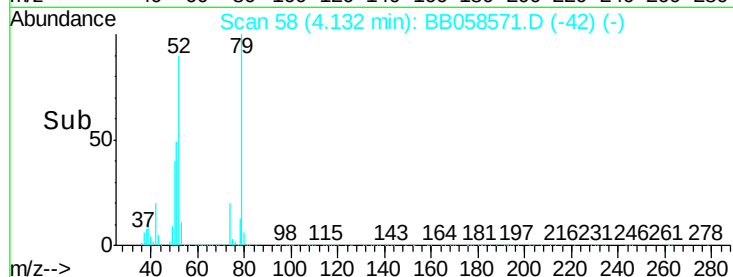
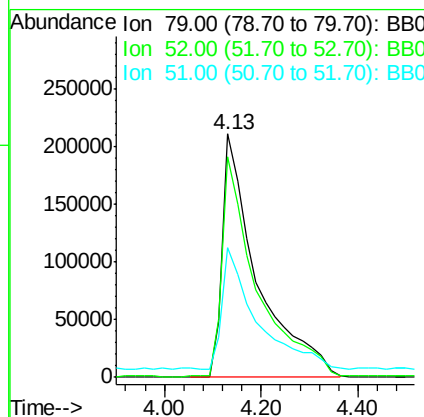
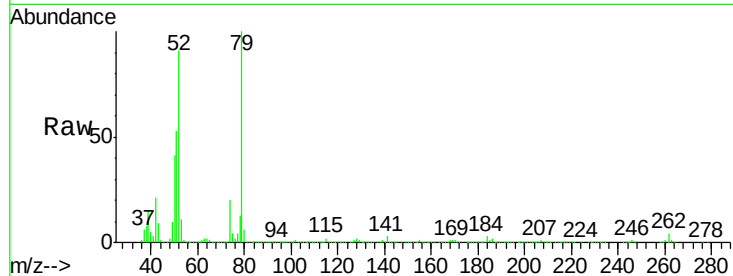
52 90.7 69.4 104.2

51 53.1 42.7 64.1

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#4

n-Nitrosodimethylamine

Concen: 40.80 ng

RT: 4.07 min Scan# 55

Delta R.T. -0.00 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

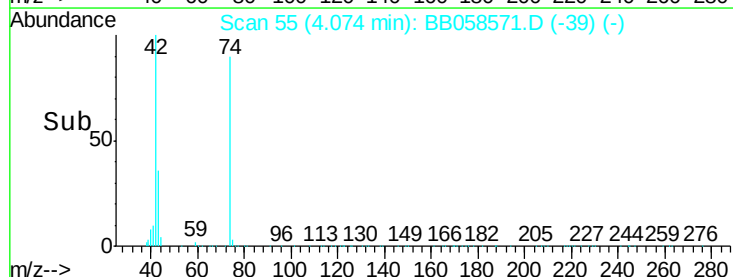
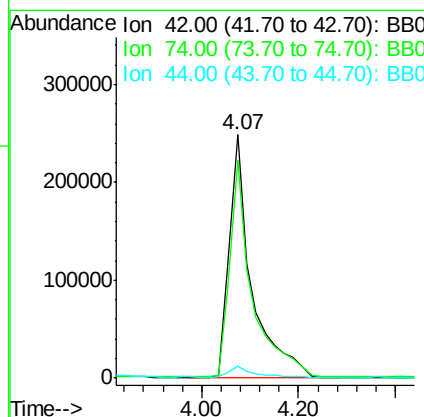
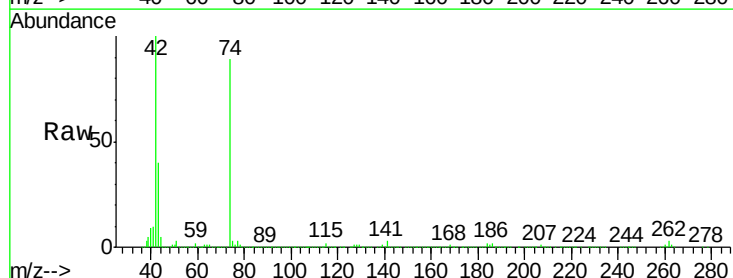
Tgt Ion: 42 Resp: 792724

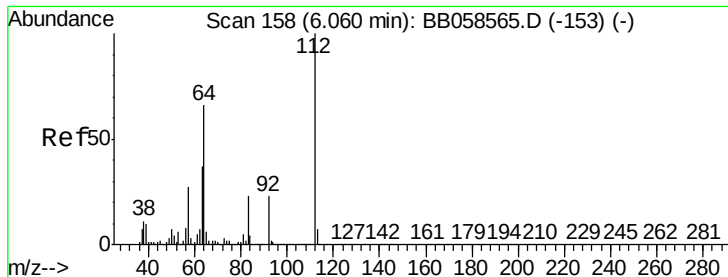
Ion Ratio Lower Upper

42 100

74 89.4 73.5 110.3

44 5.1 4.1 6.1





#5

2-Fluorophenol

Concen: 81.04 ng

RT: 6.08 min Scan# 159

Delta R.T. -0.00 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Instrument :

BNA_B

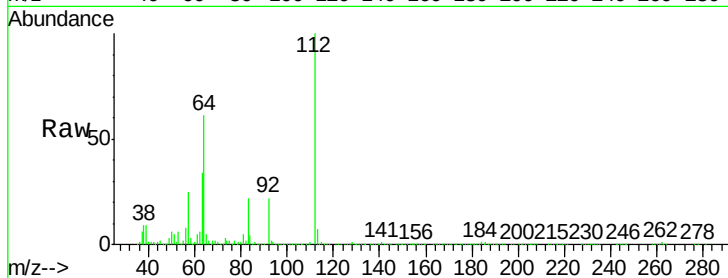
ClientSampleId :

ICVBB093016

Tot Ion:	112	Resp:	2102691
Ion	Ratio	Lower	Upper
112	100		
64	60.8	46.7	70.1
63	34.3	27.0	40.6

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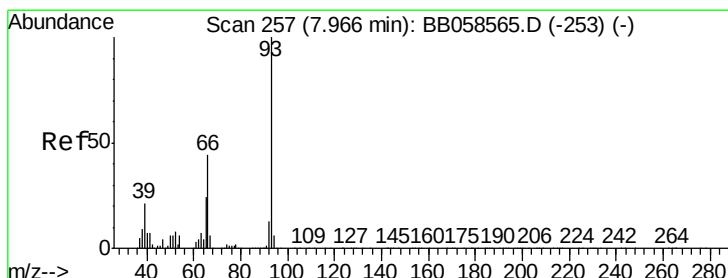
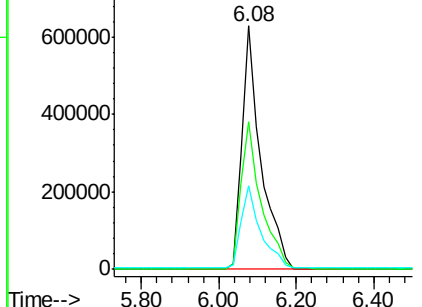
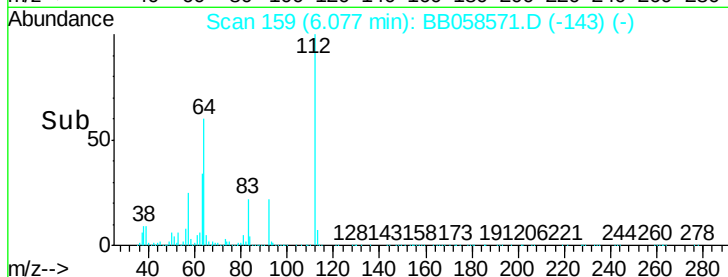


Abundance Ion 112.00 (111.70 to 112.70): BB058571.D (-153) (-)

Ion 64.00 (63.70 to 64.70): BB058571.D (-153) (-)

Ion 63.00 (62.70 to 63.70): BB058571.D (-153) (-)

Time-->



#6

Aniline

Concen: 40.83 ng

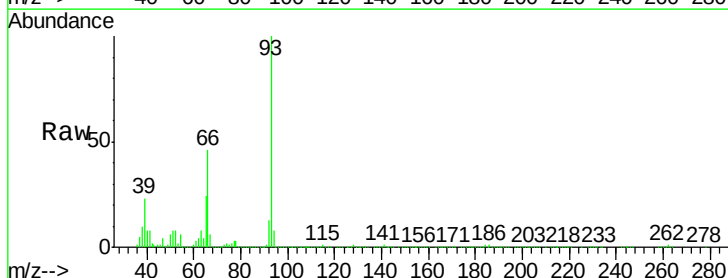
RT: 7.96 min Scan# 257

Delta R.T. -0.02 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Tgt Ion:	93	Resp:	1538916
Ion	Ratio	Lower	Upper
93	100		
66	45.6	34.7	52.1
65	24.3	19.0	28.6

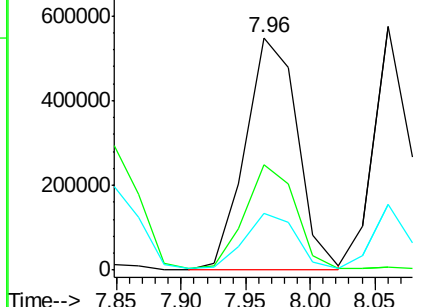
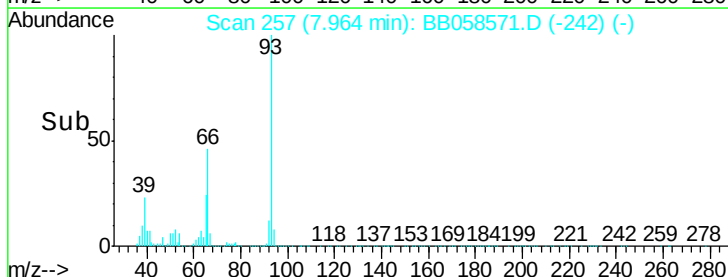


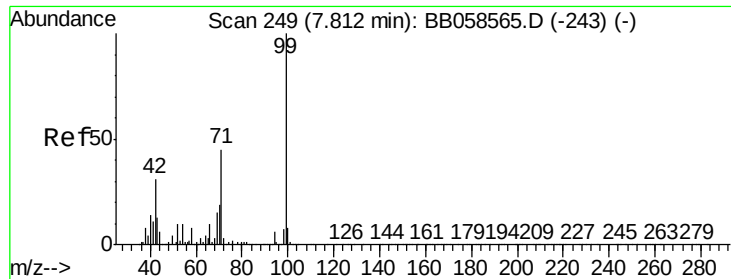
Abundance Ion 93.00 (92.70 to 93.70): BB058571.D (-242) (-)

Ion 66.00 (65.70 to 66.70): BB058571.D (-242) (-)

Ion 65.00 (64.70 to 65.70): BB058571.D (-242) (-)

Time-->





#7

Phenol-d6

Concen: 80.59 ng

RT: 7.83 min Scan# 250

Delta R.T. -0.02 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Instrument :

BNA_B

ClientSampleId :

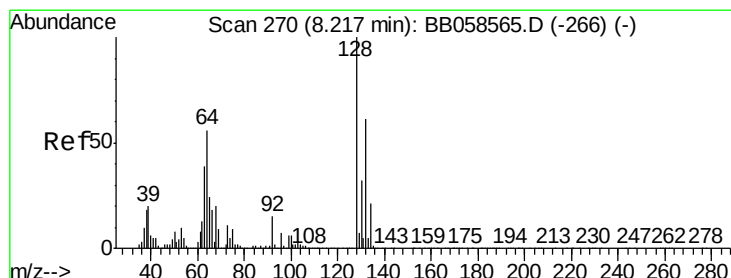
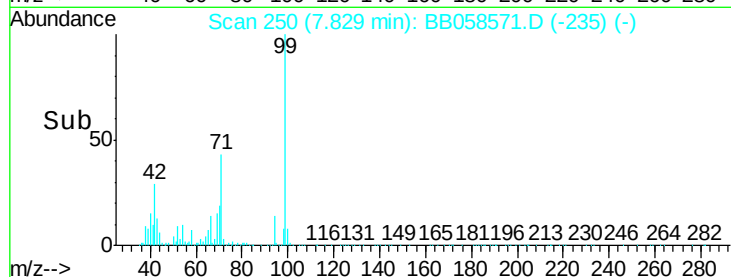
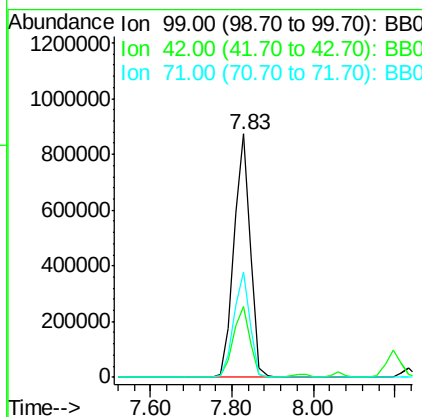
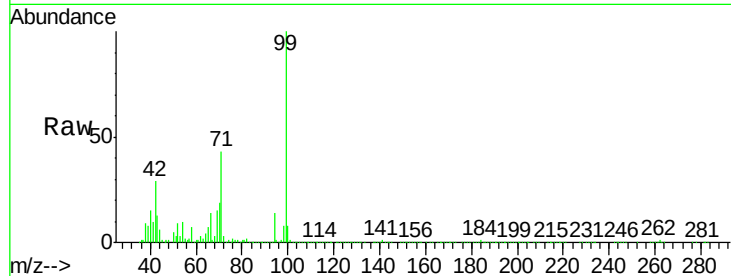
ICVBB093016

Tot Ion	99	Resp	2459021
Ion	Ratio	Lower	Upper
99	100		
42	29.2	22.0	33.0
71	43.2	34.5	51.7

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#8

2-Chlorophenol

Concen: 40.61 ng

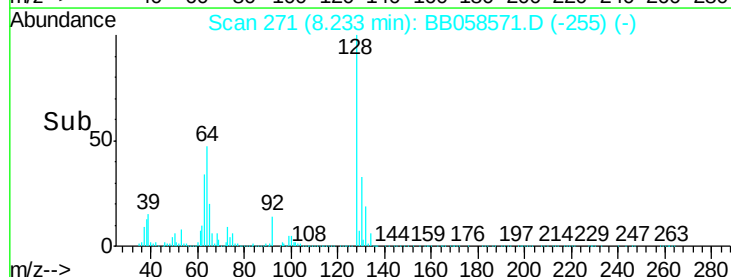
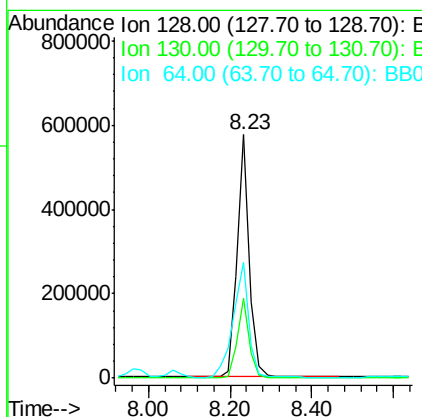
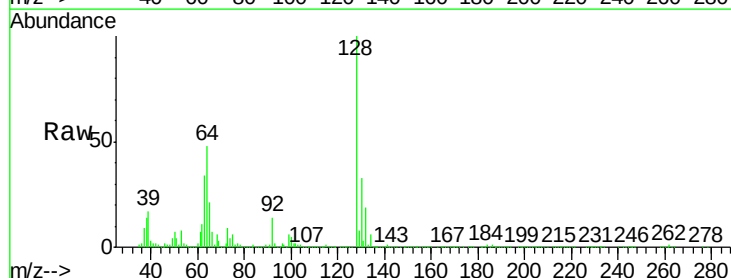
RT: 8.23 min Scan# 271

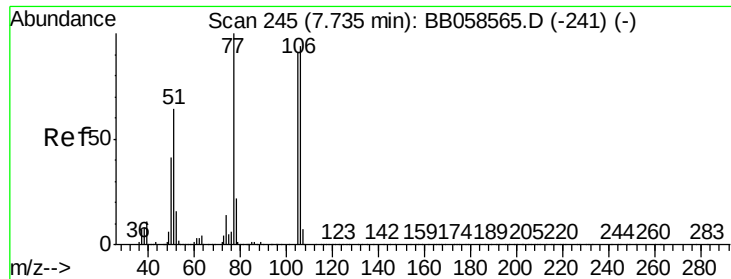
Delta R.T. -0.00 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Tgt Ion	128	Resp	1194385
Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.0	53.0
64	47.6	29.6	69.6





#9

Benzaldehyde

Concen: 41.33 ng

RT: 7.75 min Scan# 246

Delta R.T. 0.02 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Instrument :

BNA_B

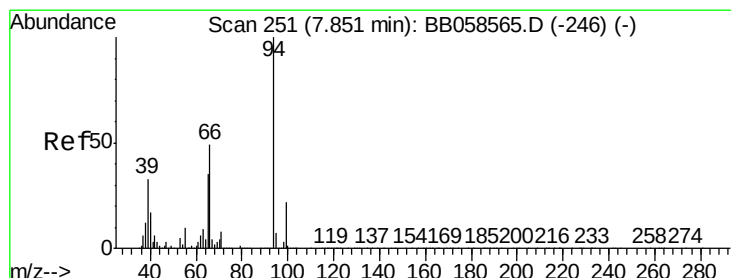
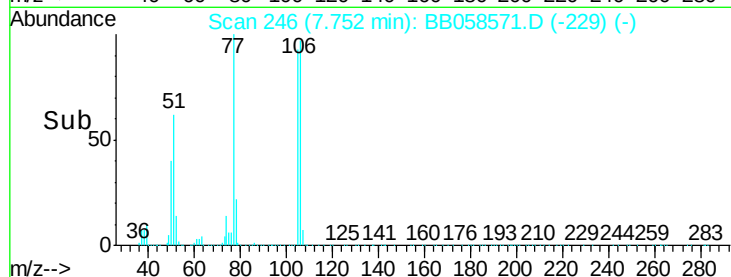
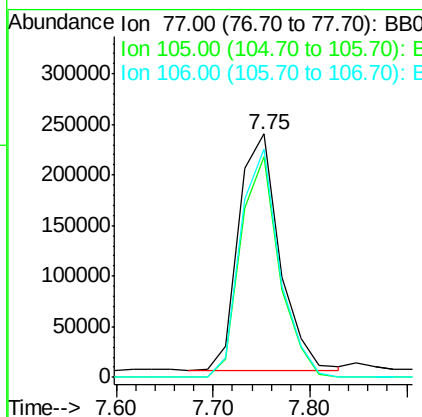
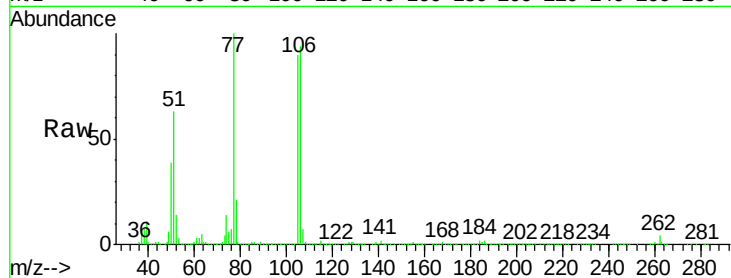
ClientSampleId :

ICVBB093016

Tot Ion:	77	Resp:	679006
Ion	Ratio	Lower	Upper
77	100		
105	90.4	71.9	111.9
106	93.8	75.7	115.7

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#10

Phenol

Concen: 40.15 ng

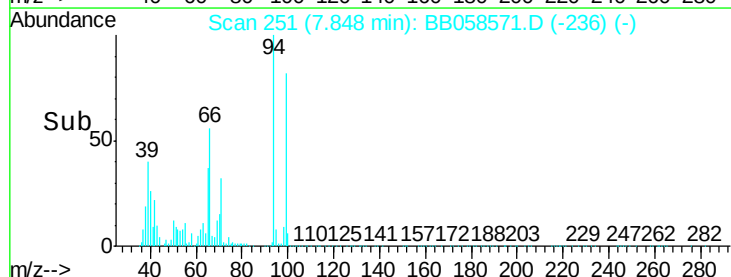
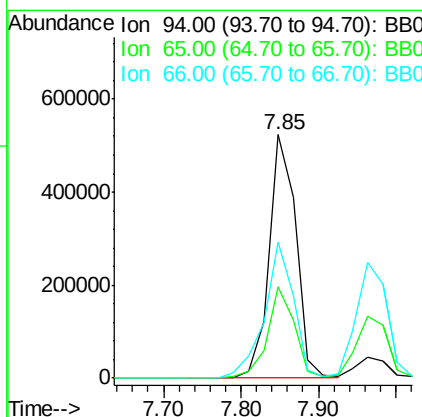
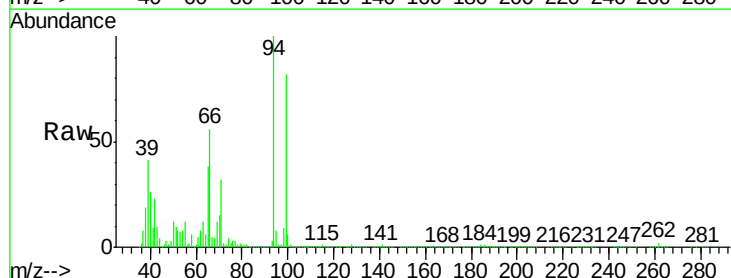
RT: 7.85 min Scan# 251

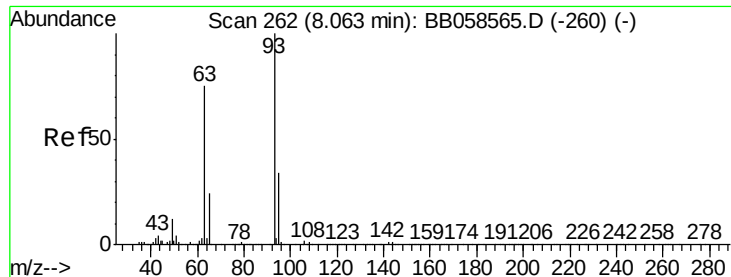
Delta R.T. -0.02 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Tgt Ion:	94	Resp:	1264818
Ion	Ratio	Lower	Upper
94	100		
65	37.7	16.4	56.4
66	56.1	31.6	71.6





#11

bis(2-Chloroethyl)ether

Concen: 40.80 ng

RT: 8.06 min Scan# 262

Delta R.T. -0.02 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Instrument :

BNA_B

ClientSampleId :

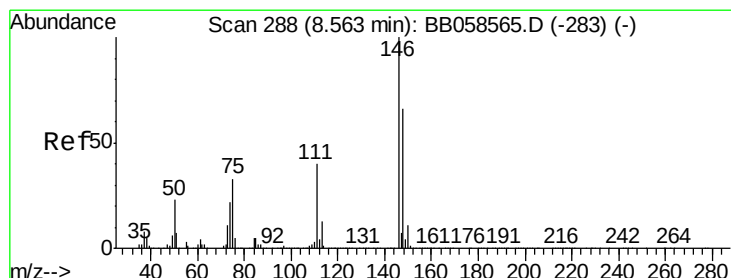
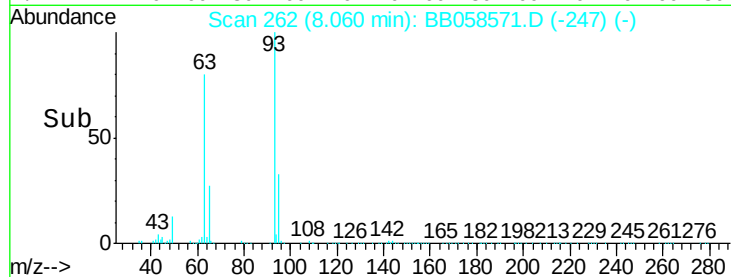
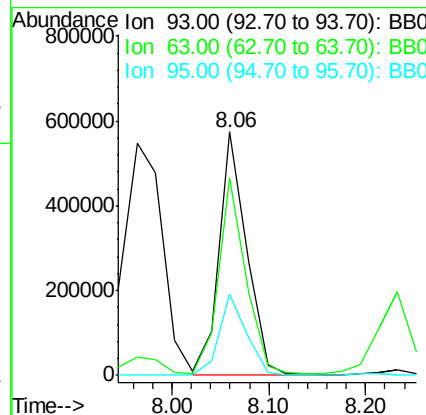
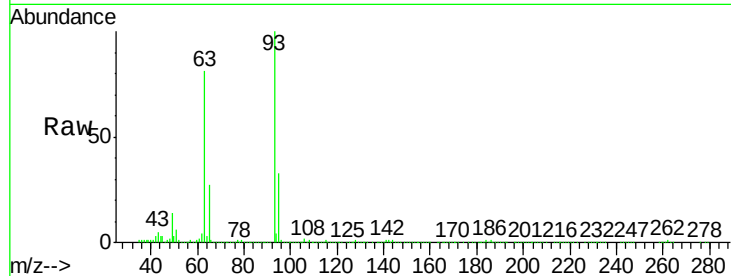
ICVBB093016

Tot Ion:	93	Resp:	1125876
Ion	Ratio	Lower	Upper
93	100		
63	81.0	53.6	93.6
95	33.3	14.7	54.7

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#12

1,3-Dichlorobenzene

Concen: 40.24 ng

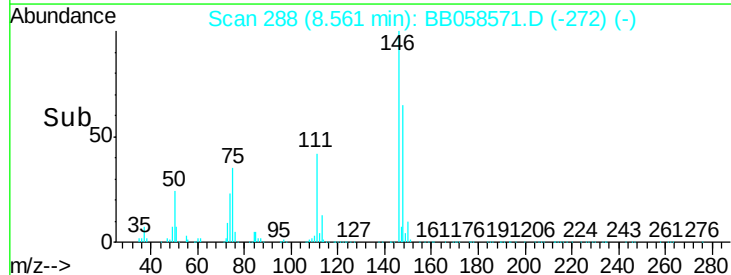
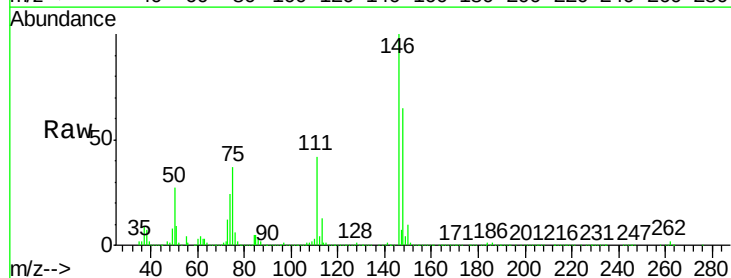
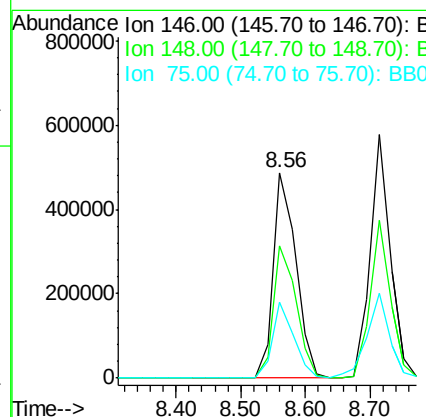
RT: 8.56 min Scan# 288

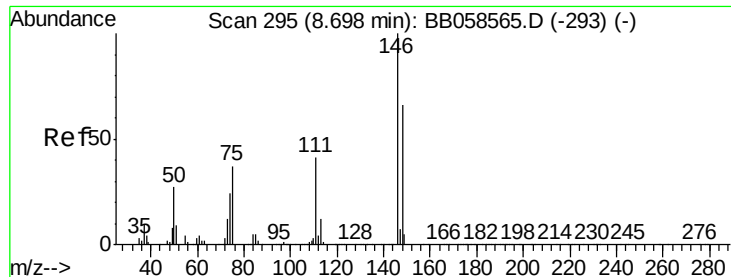
Delta R.T. -0.00 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Tgt Ion:	146	Resp:	1201479
Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.5	78.7
75	36.7	29.7	44.5





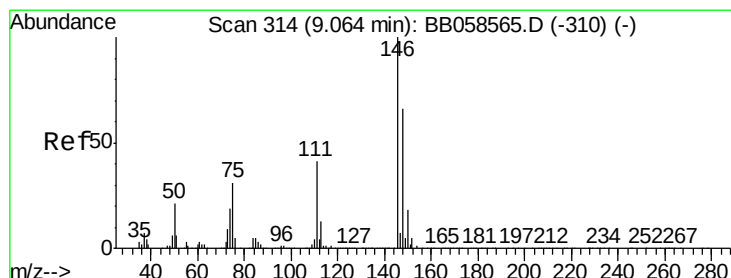
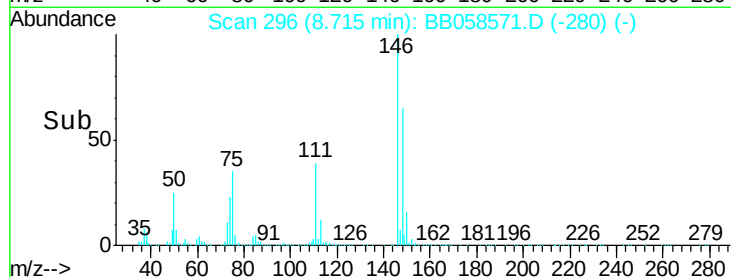
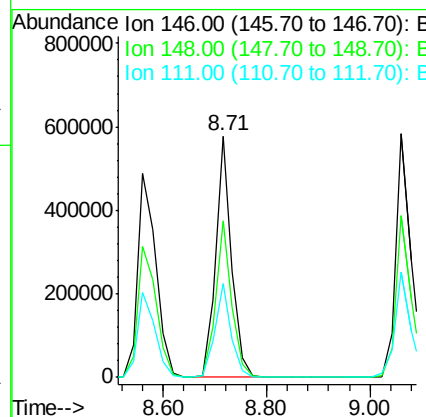
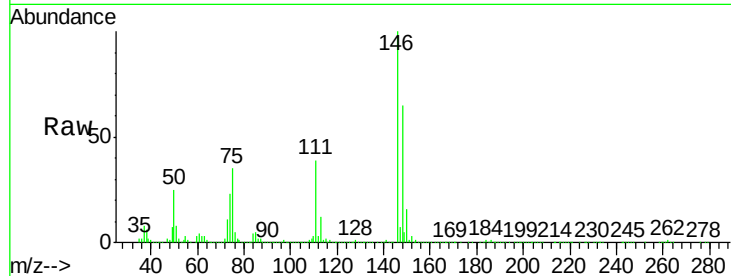
#13
1,4-Dichlorobenzene
Concen: 40.56 ng
RT: 8.71 min Scan# 296
Delta R.T. -0.00 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.4	80.0
111	38.7	32.0	48.0

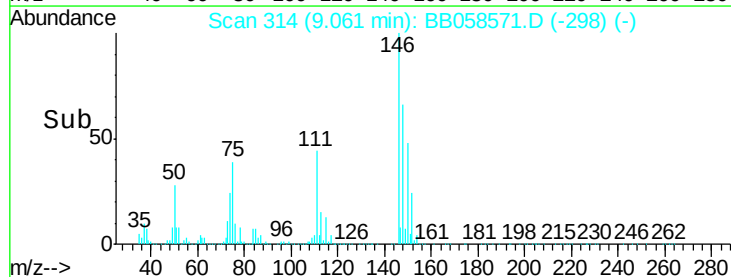
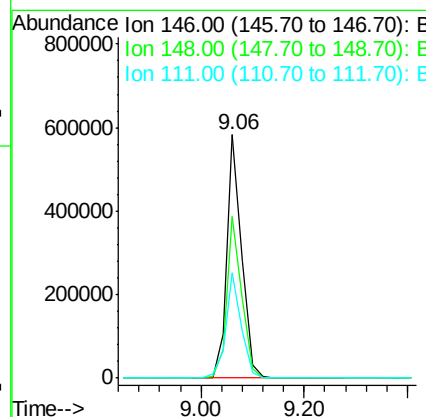
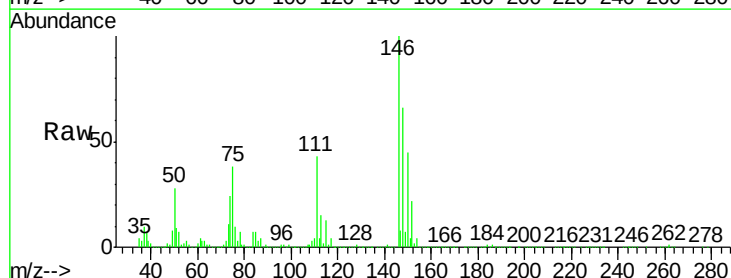
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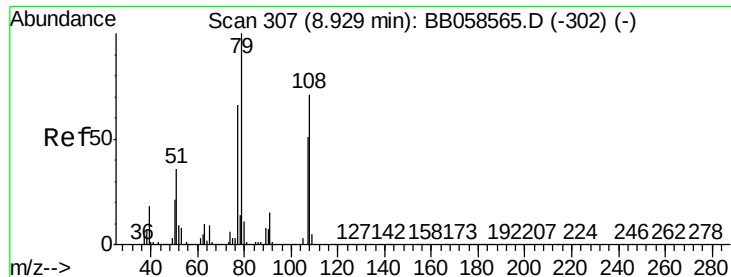
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#14
1,2-Dichlorobenzene
Concen: 40.72 ng
RT: 9.06 min Scan# 314
Delta R.T. -0.00 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	53.6	80.4
111	43.3	37.4	56.0





#15

Benzyl Alcohol

Concen: 41.65 ng

RT: 8.95 min Scan# 308

Delta R.T. -0.00 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Instrument :

BNA_B

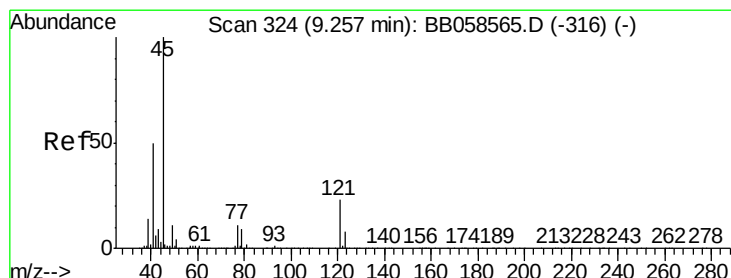
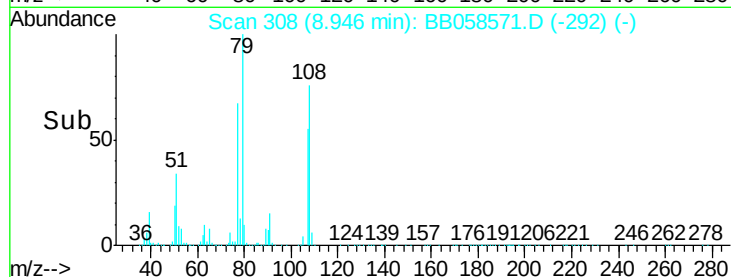
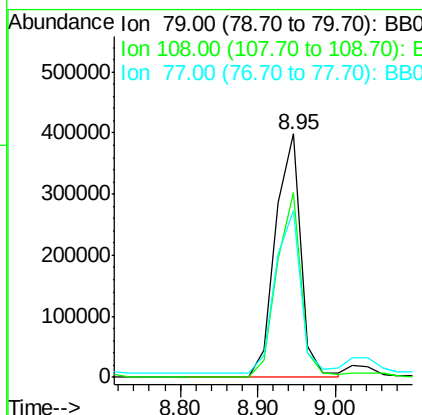
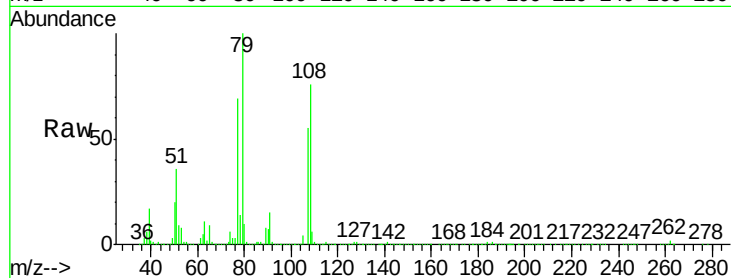
ClientSampled :

ICVBB093016

Tot Ion:	79	Resp:	920048
Ion Ratio	Lower	Upper	
79	100		
108	76.0	58.6	87.8
77	68.5	56.9	85.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.46 ng

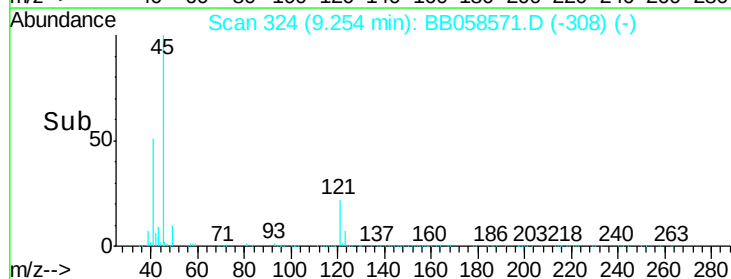
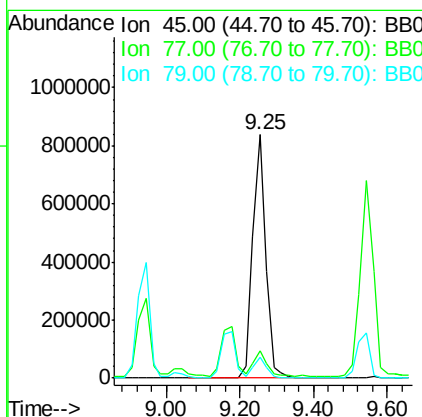
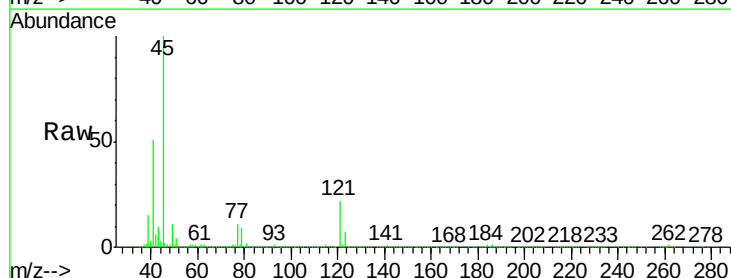
RT: 9.25 min Scan# 324

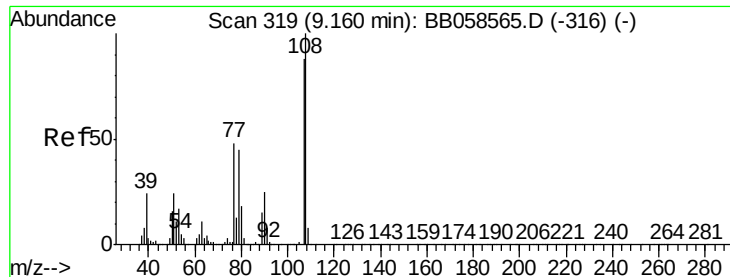
Delta R.T. -0.00 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Tgt Ion:	45	Resp:	2081778
Ion Ratio	Lower	Upper	
45	100		
77	11.3	0.0	32.3
79	8.6	0.0	28.9





#17

2-Methylphenol

Concen: 40.02 ng

RT: 9.18 min Scan# 320

Delta R.T. -0.00 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Instrument :

BNA_B

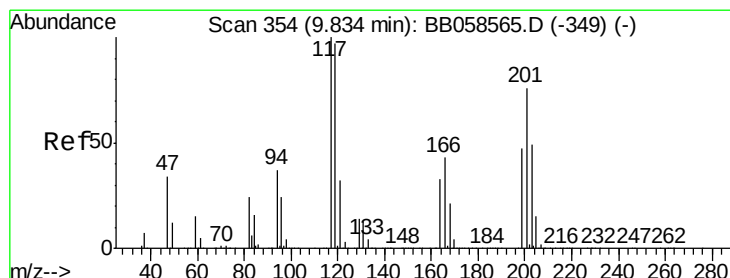
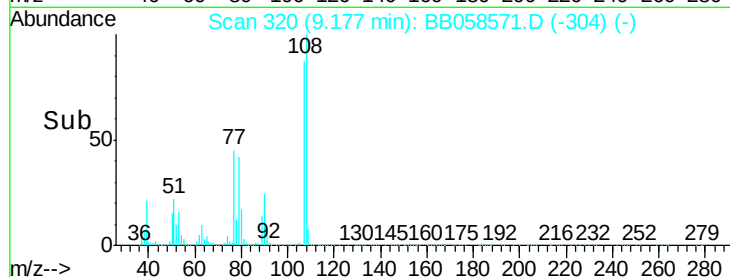
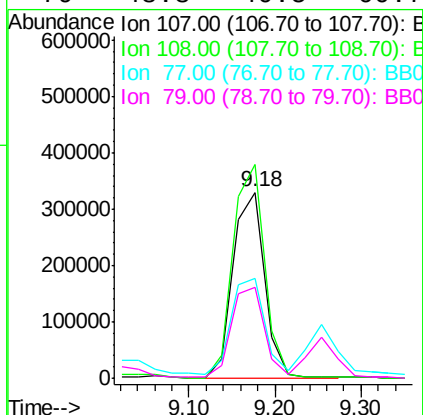
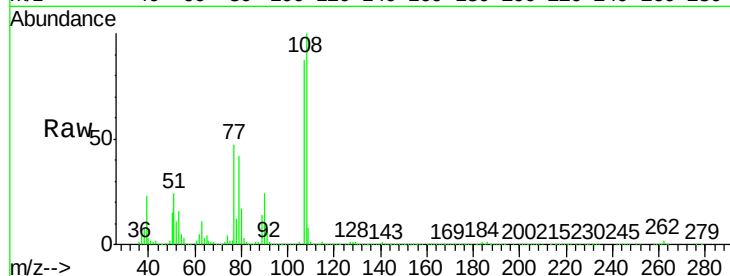
ClientSampled :

ICVBB093016

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.0	92.0	138.0	
77	54.1	44.9	67.3	
79	48.8	40.5	60.7	

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#18

Hexachloroethane

Concen: 40.82 ng

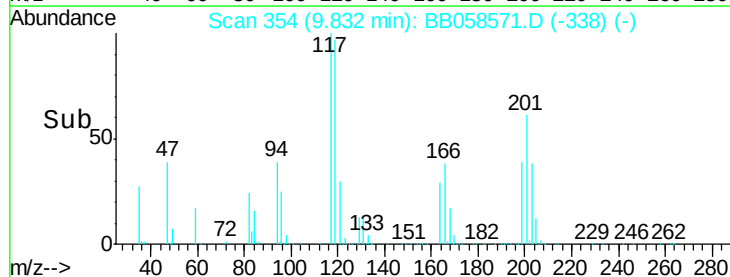
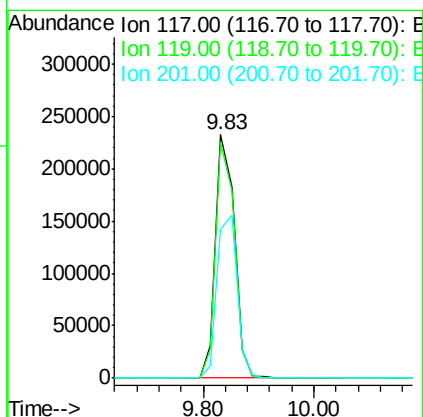
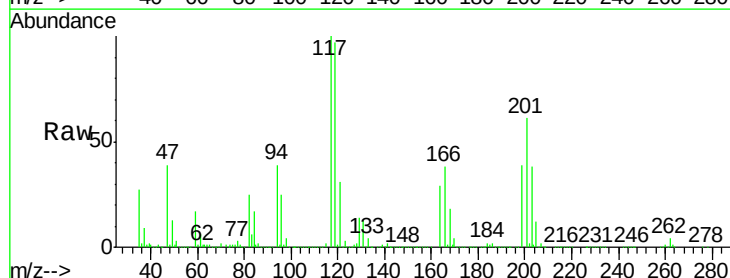
RT: 9.83 min Scan# 354

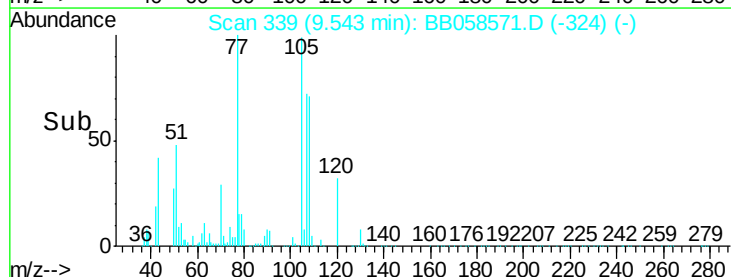
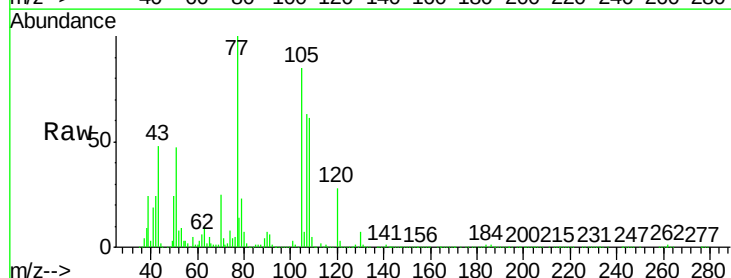
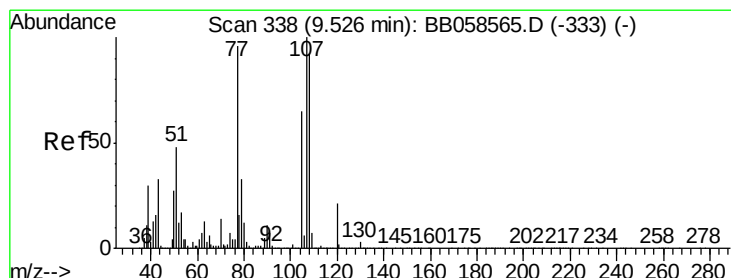
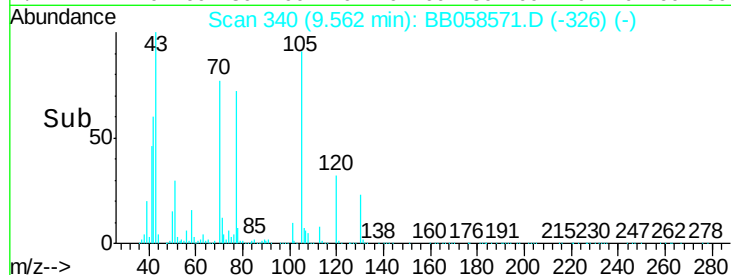
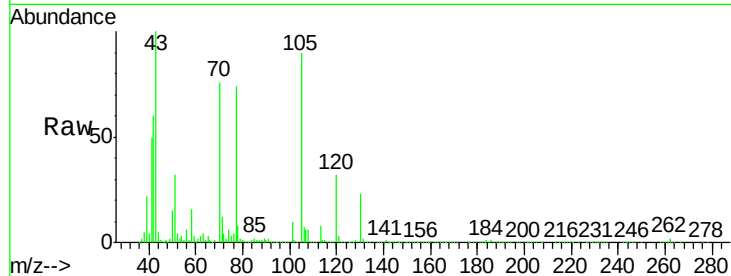
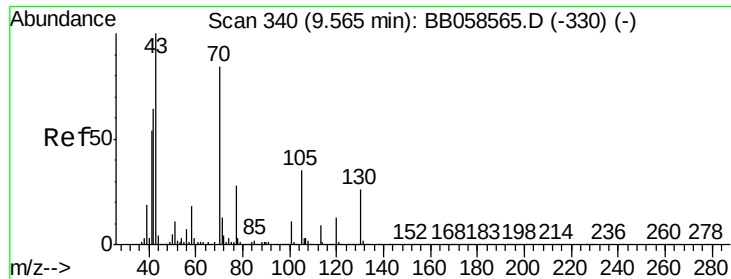
Delta R.T. -0.00 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

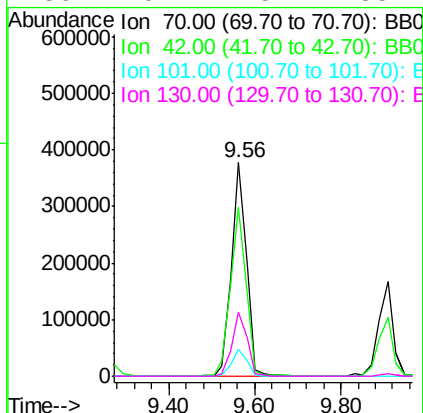
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	78.5	117.7	
201	61.1	68.8	103.2#	





#19
n-Nitroso-di-n-propylamine
Concen: 41.29 ng
RT: 9.56 min Scan# 340
Delta R.T. -0.04 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	79.2	59.7	89.5	
101	12.6	10.7	16.1	
130	29.7	25.4	38.2	



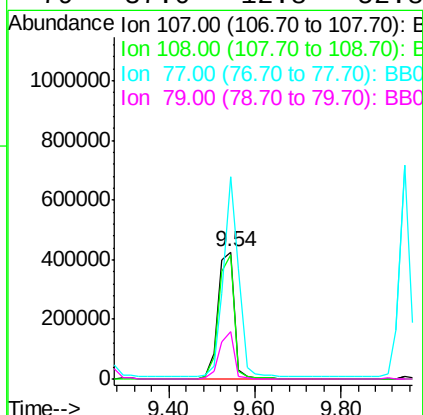
Instrument :
BNA_B
ClientSampleId :
ICVBB093016

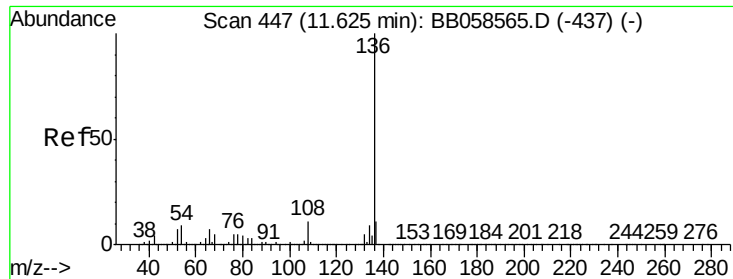
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#20
3+4-Methylphenols
Concen: 41.05 ng
RT: 9.54 min Scan# 339
Delta R.T. -0.02 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	98.1	70.4	110.4	
77	159.6	96.1	136.1#	
79	37.0	12.8	52.8	





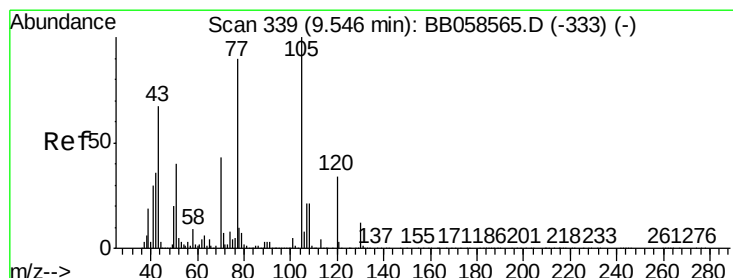
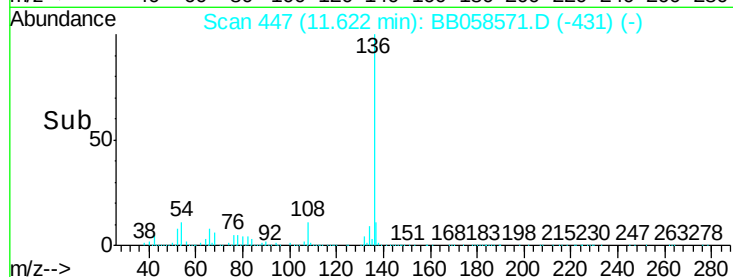
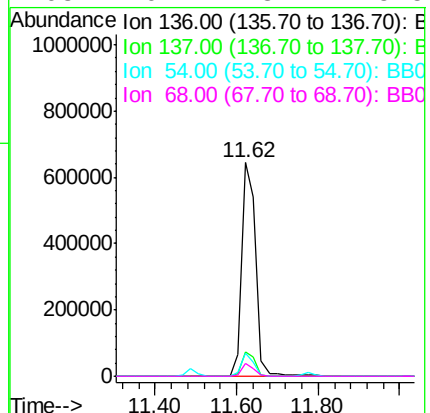
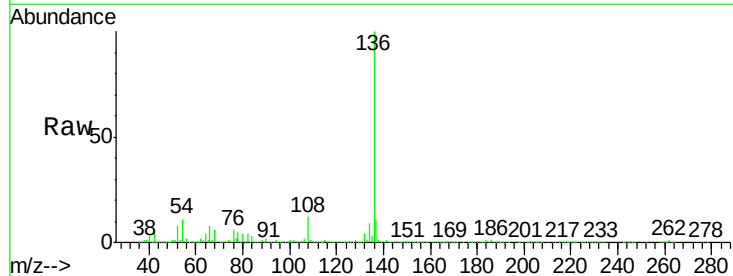
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.62 min Scan# 447
Delta R.T. -0.00 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	10.9	6.4	9.6
68	6.2	3.7	5.5

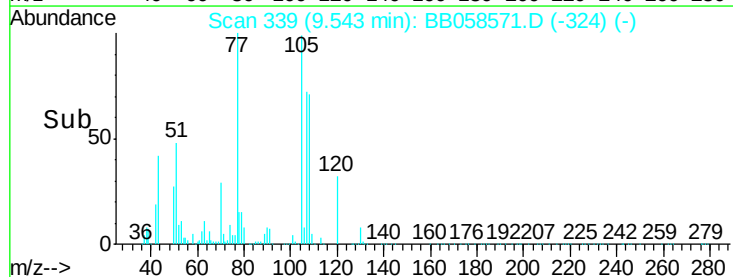
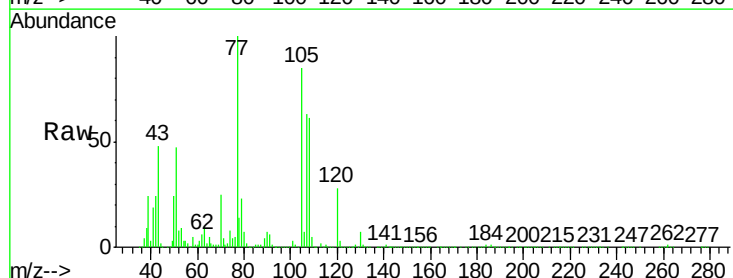
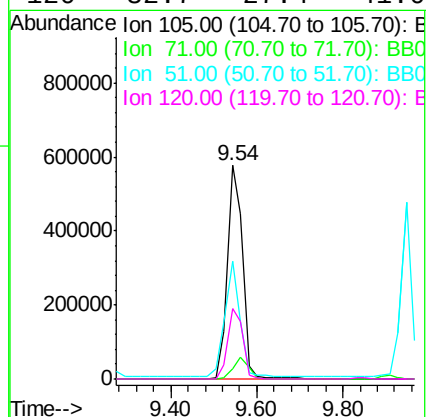
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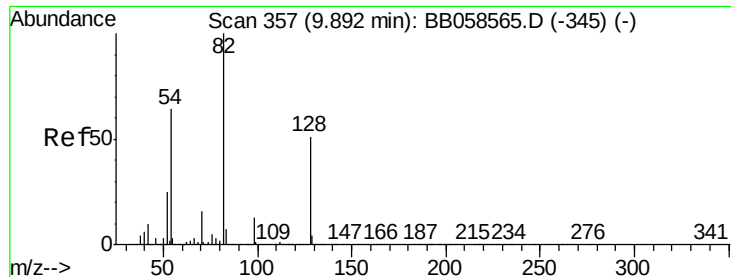
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#22
Acetophenone
Concen: 39.83 ng
RT: 9.54 min Scan# 339
Delta R.T. -0.02 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.9	3.6	5.4
51	55.2	37.3	55.9
120	32.7	27.4	41.0





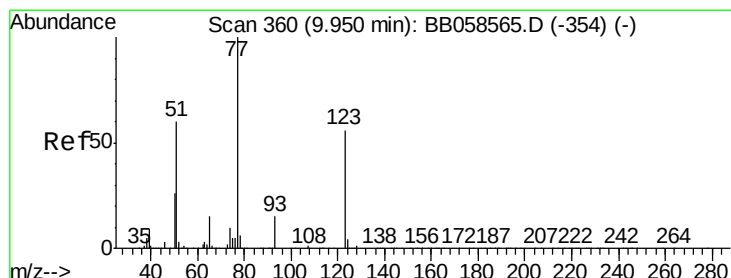
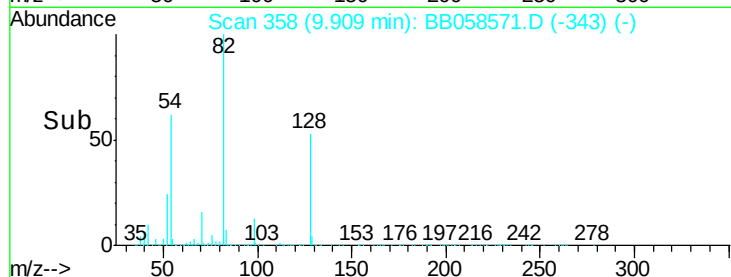
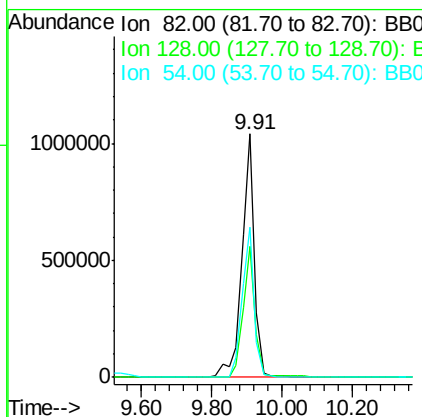
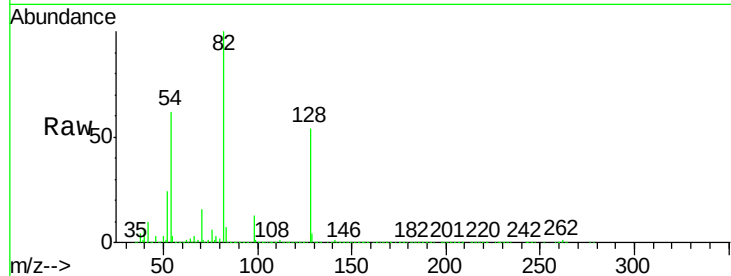
#23
 Nitrobenzene-d5
 Concen: 80.29 ng
 RT: 9.91 min Scan# 358
 Delta R.T. -0.02 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Instrument :
 BNA_B
 ClientSampled :
 ICVBB093016

Tot Ion	Ratio	Lower	Upper
82	100		
128	53.6	48.4	72.6
54	61.8	47.8	71.8

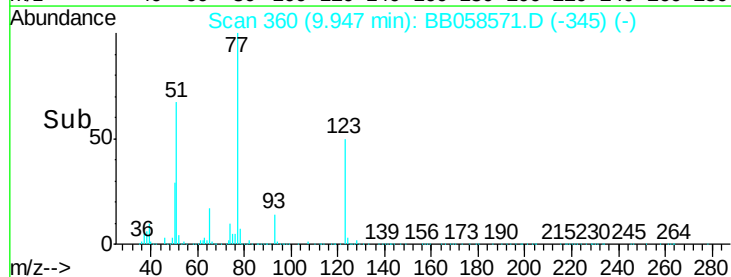
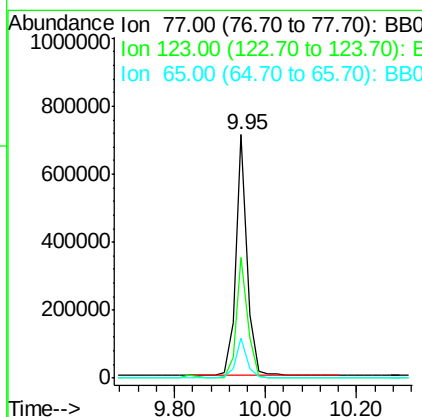
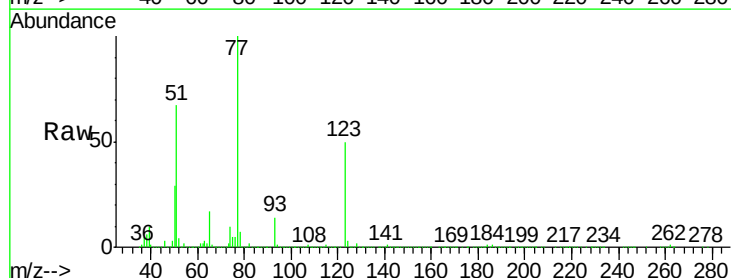
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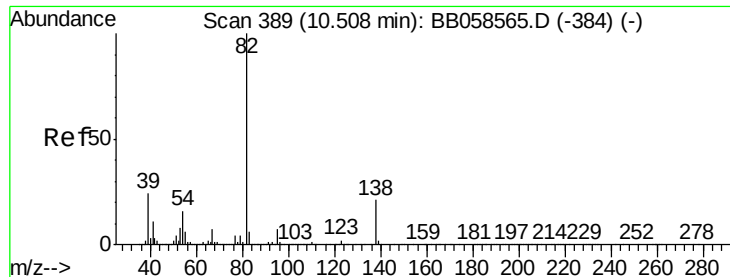
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#24
 Nitrobenzene
 Concen: 39.19 ng
 RT: 9.95 min Scan# 360
 Delta R.T. -0.02 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	46.2	69.2
65	16.6	13.3	19.9





#25

Isophorone

Concen: 39.77 ng

RT: 10.51 min Scan# 389

Delta R.T. -0.04 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Instrument :

BNA_B

ClientSampleId :

ICVBB093016

Tot Ion: 82 Resp: 2454794

Ion Ratio Lower Upper

82 100

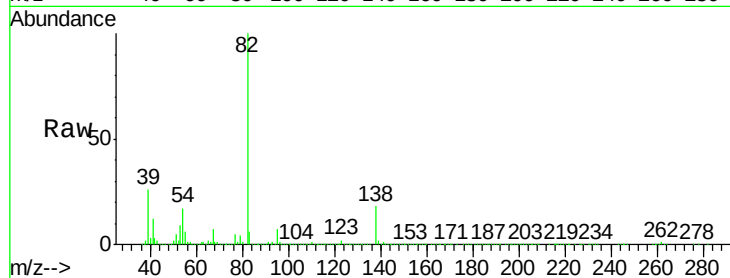
95 7.0 5.9 8.9

138 18.4 17.0 25.6

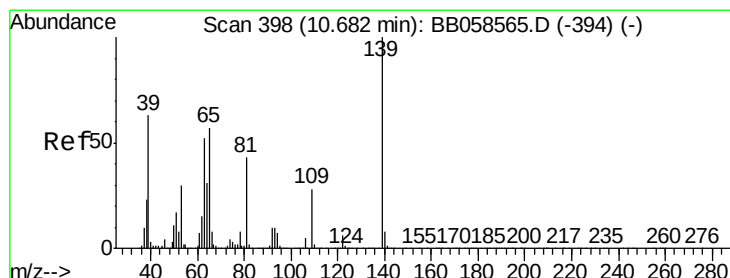
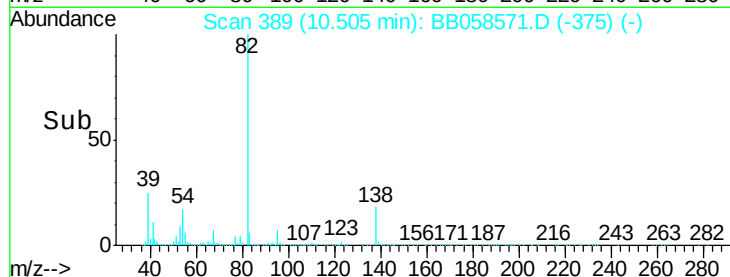
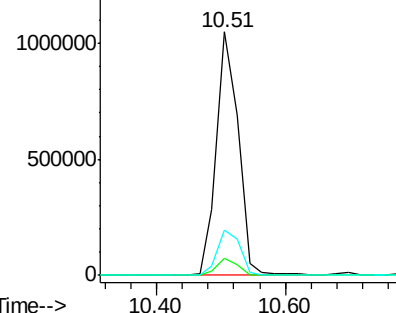
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Abundance Ion 82.00 (81.70 to 82.70): BB0
Ion 95.00 (94.70 to 95.70): BB0
Ion 138.00 (137.70 to 138.70): BB0



#26

2-Nitrophenol

Concen: 40.19 ng

RT: 10.70 min Scan# 399

Delta R.T. -0.00 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

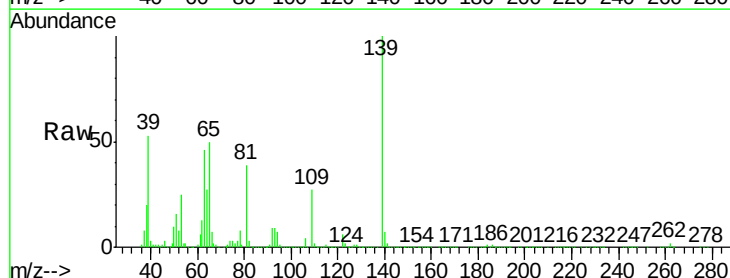
Tgt Ion: 139 Resp: 739705

Ion Ratio Lower Upper

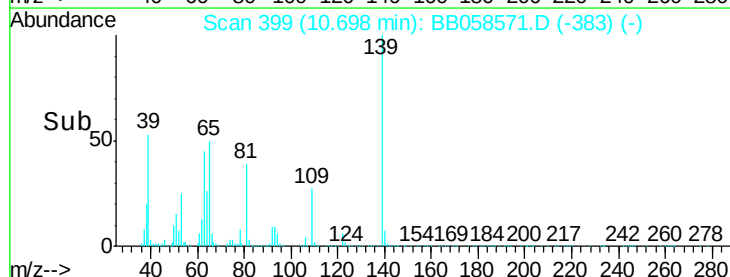
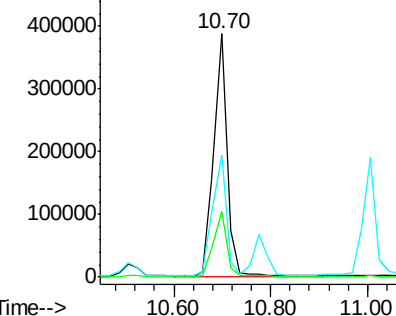
139 100

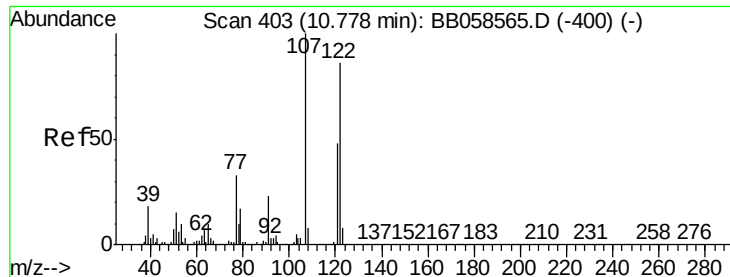
109 26.9 22.0 33.0

65 50.0 42.4 63.6



Abundance Ion 139.00 (138.70 to 139.70): BB0
Ion 109.00 (108.70 to 109.70): BB0
Ion 65.00 (64.70 to 65.70): BB0





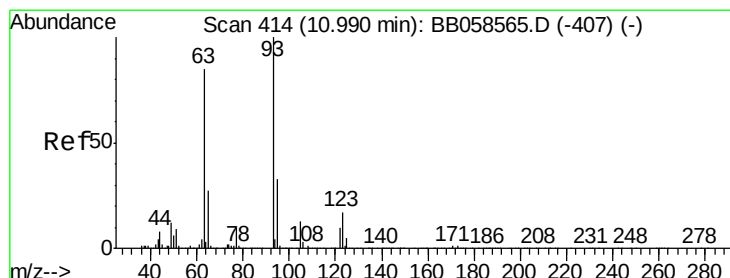
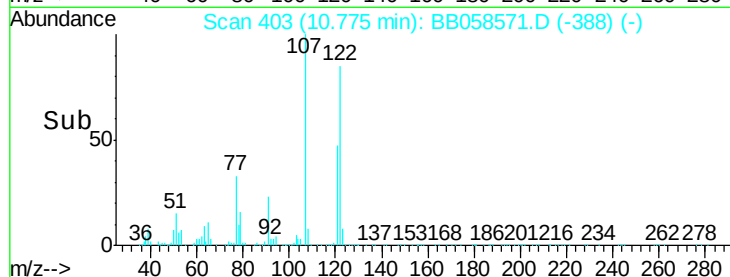
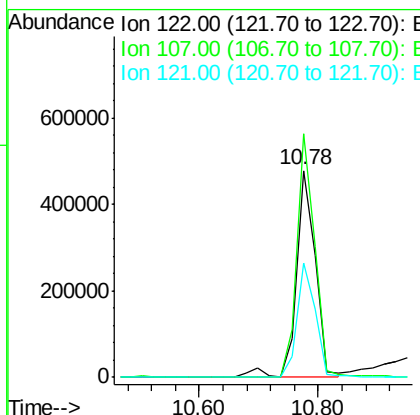
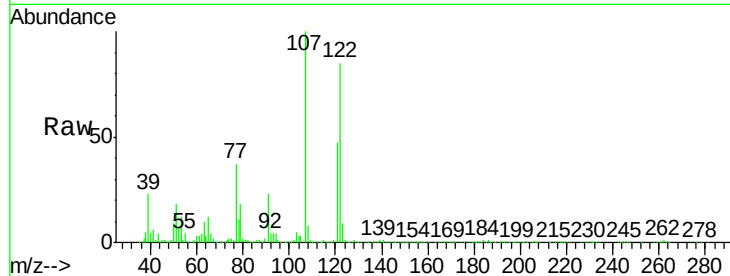
#27
 2,4-Dimethylphenol
 Concen: 40.39 ng
 RT: 10.78 min Scan# 403
 Delta R.T. -0.02 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Instrument :
 BNA_B
 ClientSampleId :
 ICB093016

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.6	90.0	135.0
121	55.0	45.1	67.7

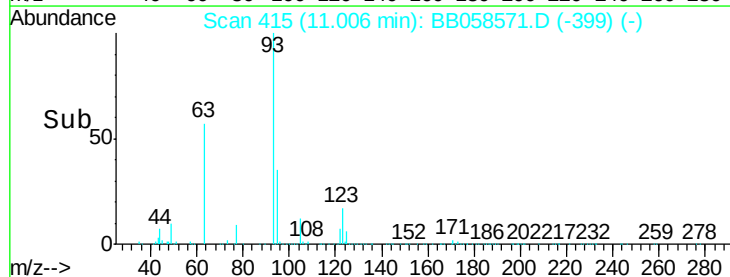
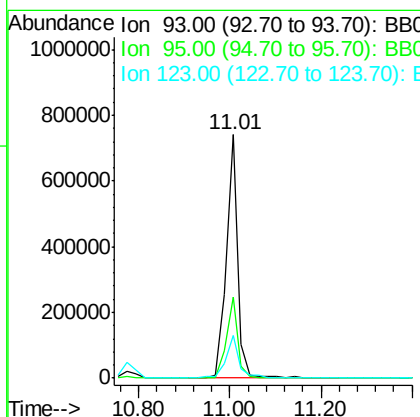
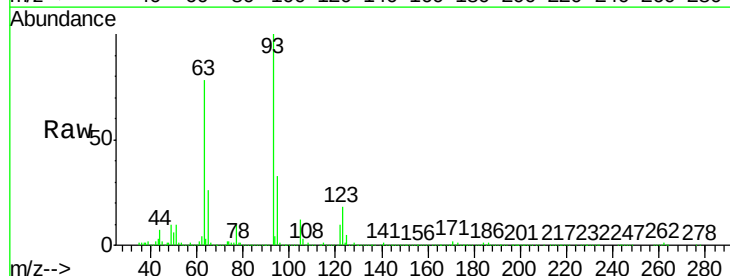
Manual Integrations
 APPROVED

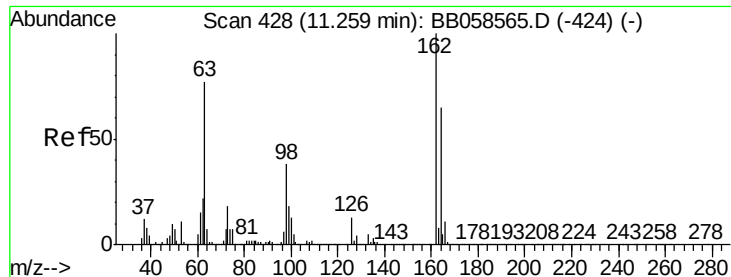
sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.27 ng
 RT: 11.01 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	27.0	40.6
123	17.5	13.9	20.9





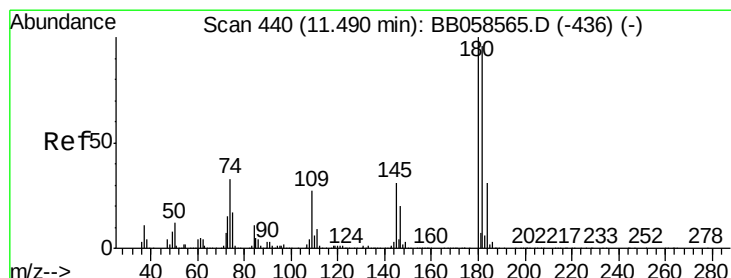
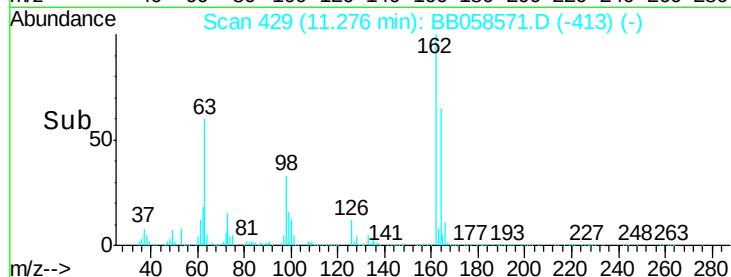
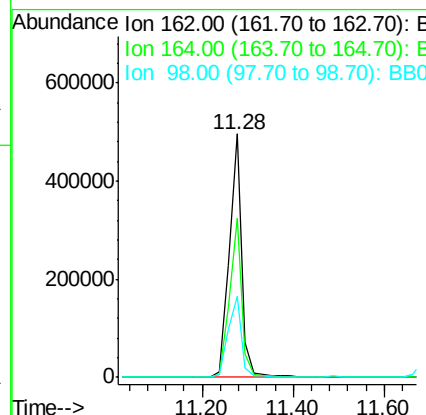
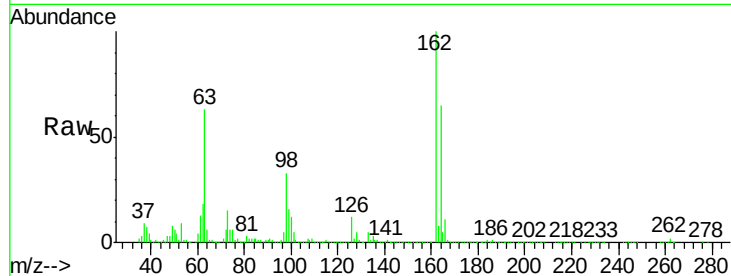
#29
2,4-Dichlorophenol
Concen: 40.08 ng
RT: 11.28 min Scan# 429
Delta R.T. -0.00 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		971400		
164	65.5	44.2	84.2		
98	33.4	16.4	56.4		

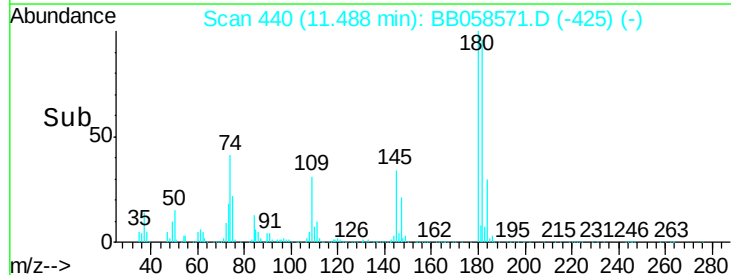
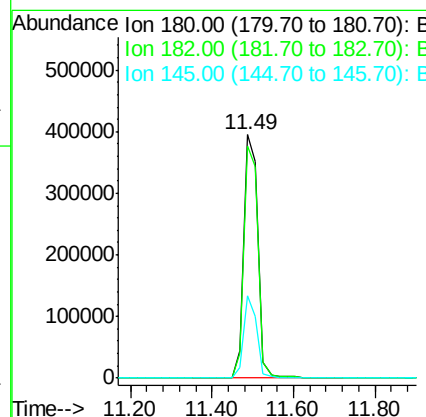
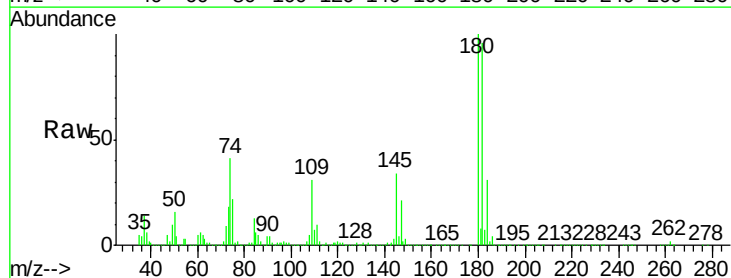
Manual Integrations
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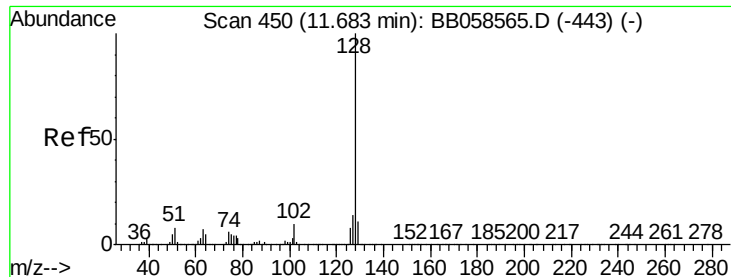
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#30
1,2,4-Trichlorobenzene
Concen: 39.45 ng
RT: 11.49 min Scan# 440
Delta R.T. -0.02 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		968181		
182	95.5	77.4	116.2		
145	33.8	24.0	36.0		





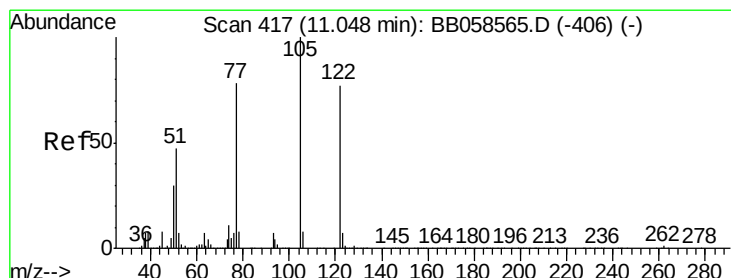
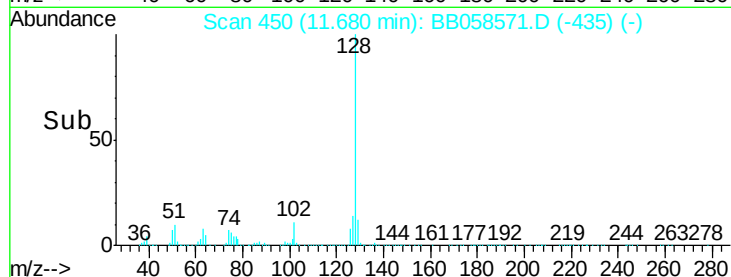
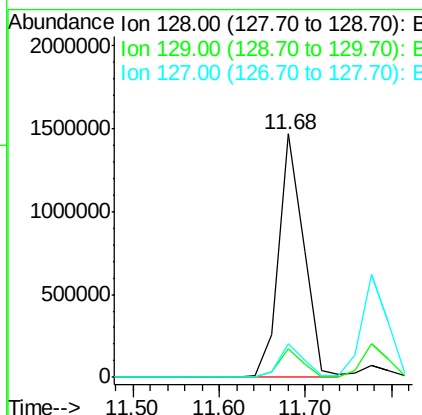
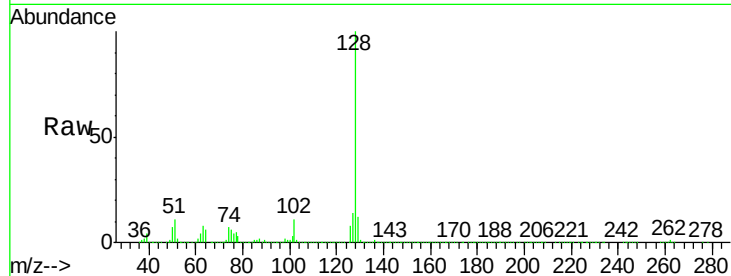
#31
Naphthalene
Concen: 39.47 ng
RT: 11.68 min Scan# 450
Delta R.T. -0.02 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	10.3	15.5
127	13.8	12.5	18.7

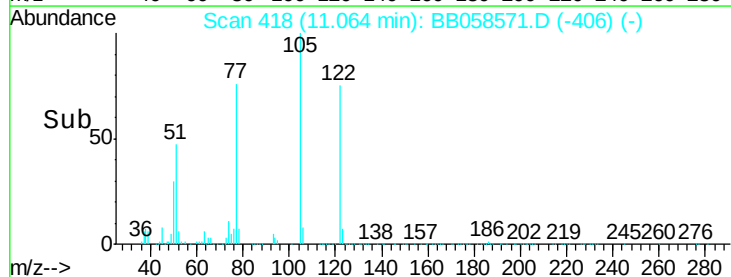
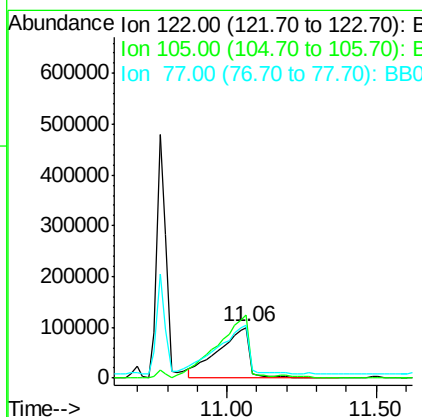
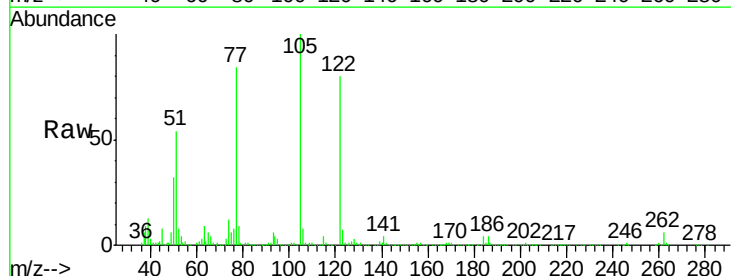
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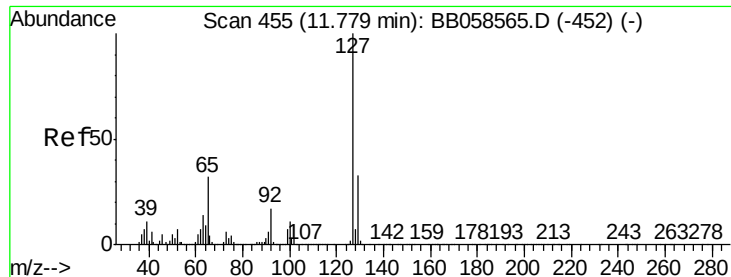
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#32
Benzoic acid
Concen: 39.94 ng
RT: 11.06 min Scan# 418
Delta R.T. -0.08 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.1	102.6	142.6
77	105.0	86.7	126.7





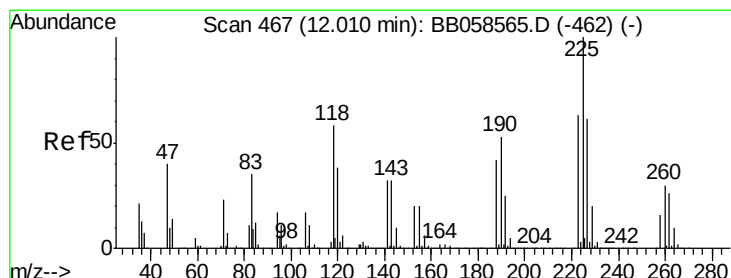
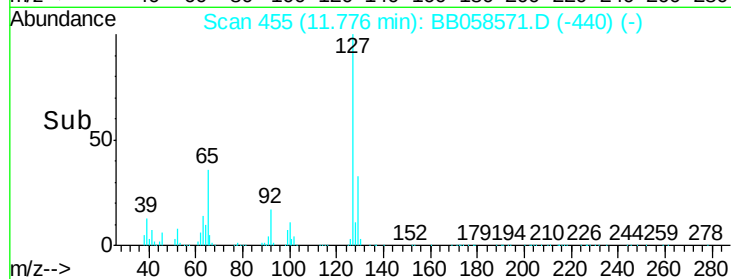
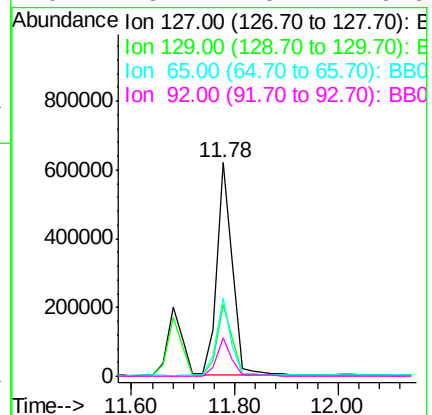
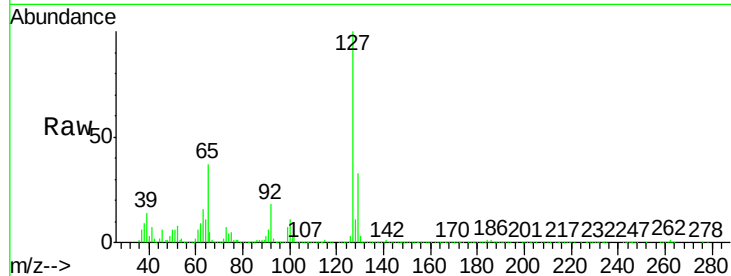
#33
 4-Chloroaniline
 Concen: 39.89 ng
 RT: 11.78 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	27.1	40.7		
65	36.5	25.4	38.0		
92	18.2	13.7	20.5		

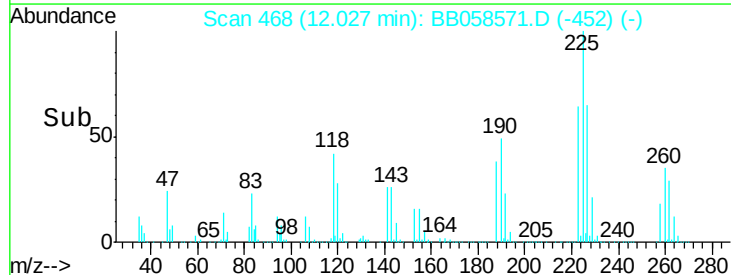
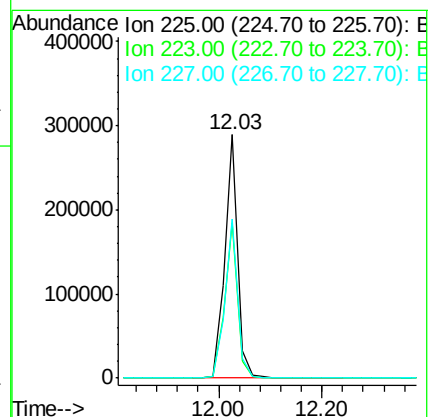
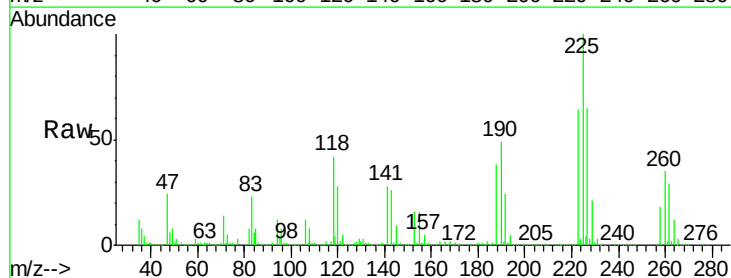
Manual Integrations
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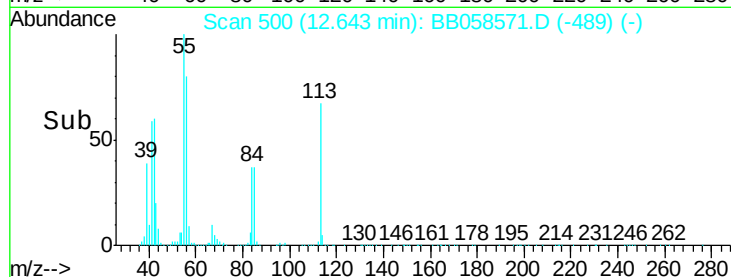
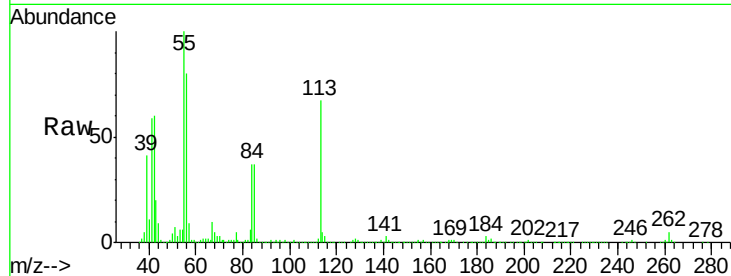
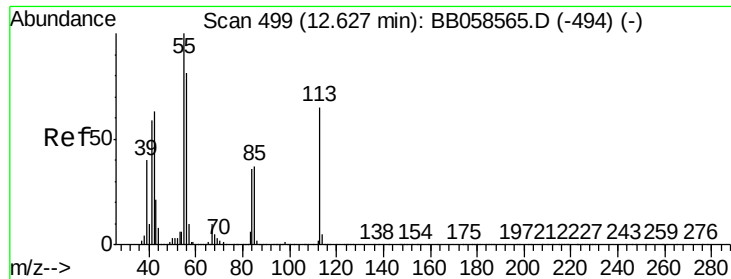
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#34
 Hexachlorobutadiene
 Concen: 39.74 ng
 RT: 12.03 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	50.8	76.2		
227	65.4	51.0	76.4		





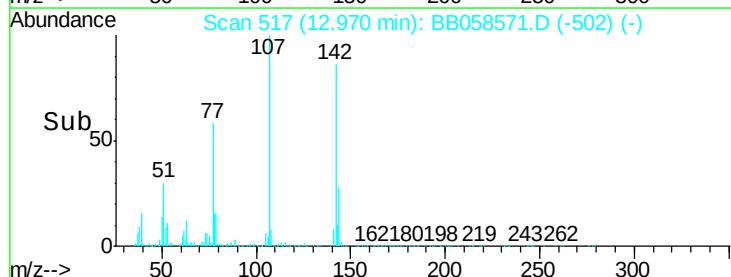
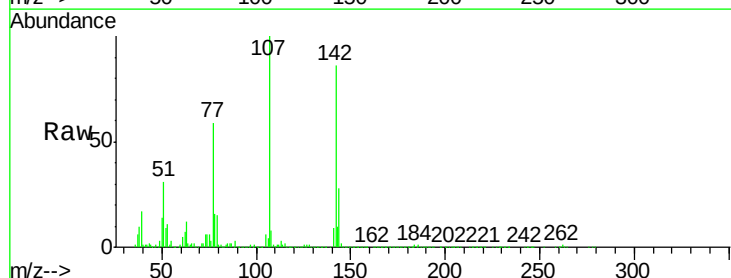
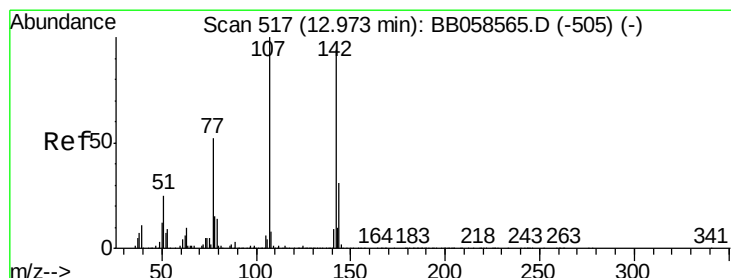
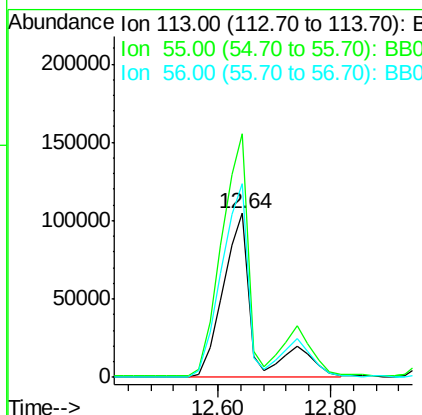
#35
 Caprolactam
 Concen: 39.68 ng/ml
 RT: 12.64 min Scan# 500
 Delta R.T. -0.10 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Tot Ion	Ratio	Resp	Lower	Upper
113	100	399444		
55	148.7		109.4	149.4
56	118.3		84.1	124.1

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

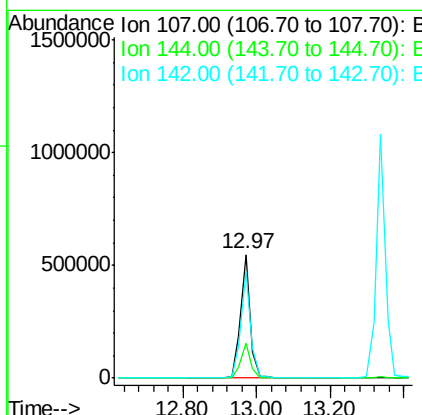
Manual Integrations
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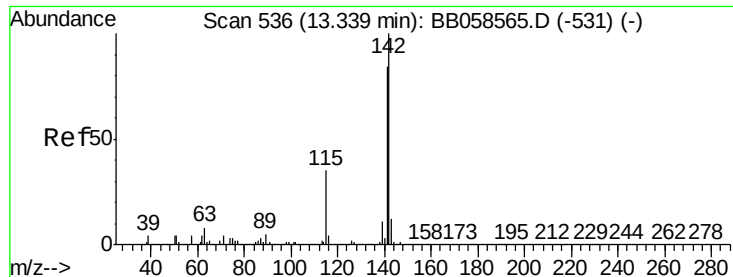
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#36
 4-Chloro-3-methylphenol
 Concen: 38.93 ng/ml
 RT: 12.97 min Scan# 517
 Delta R.T. -0.02 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	1035722		
144	28.3		23.9	35.9
142	86.3		70.5	105.7





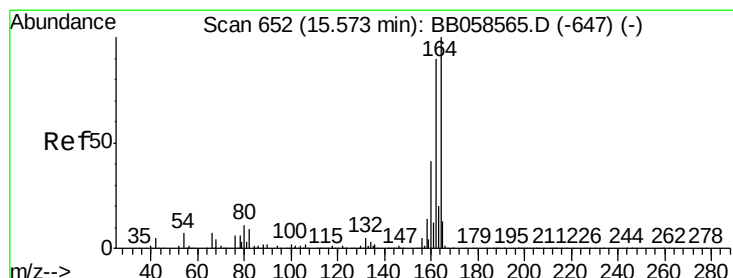
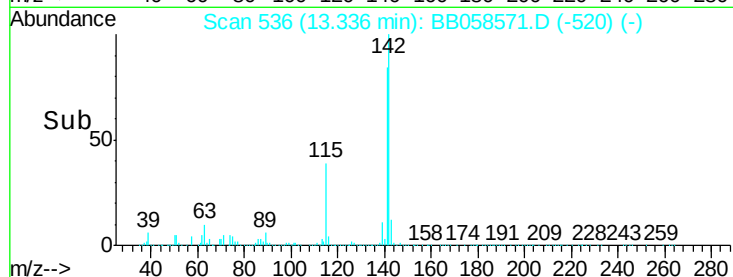
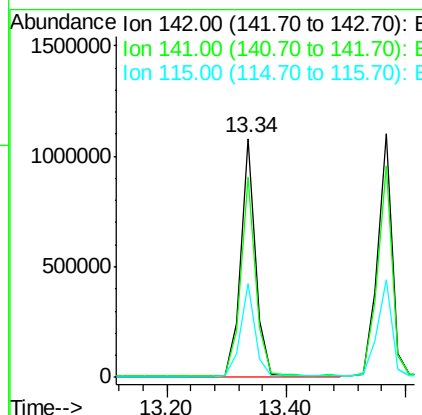
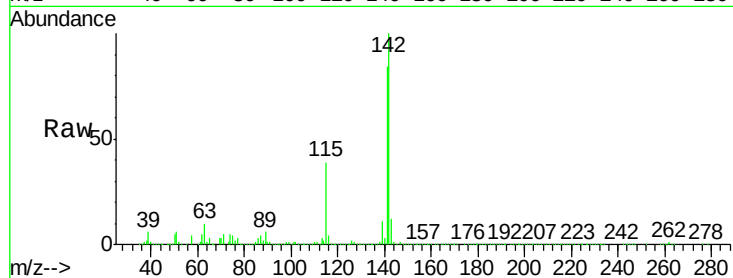
#37
2-Methylnaphthalene
Concen: 38.75 ng
RT: 13.34 min Scan# 536
Delta R.T. -0.00 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.6	67.5	101.3
115	39.1	28.9	43.3

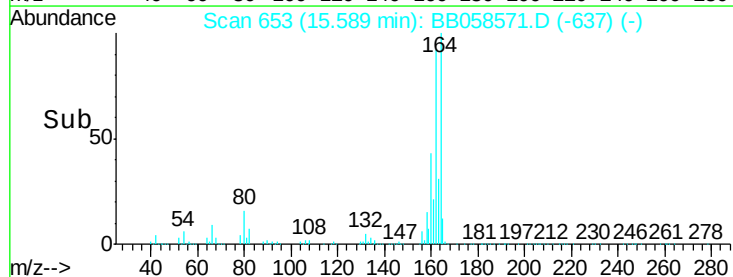
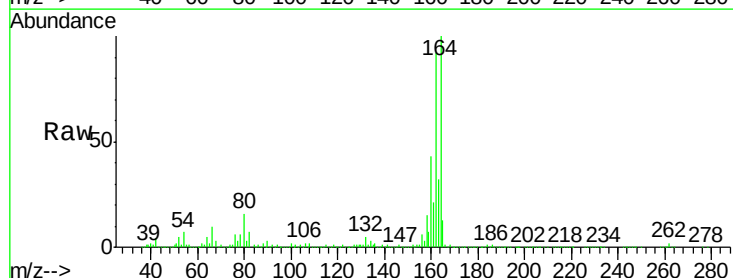
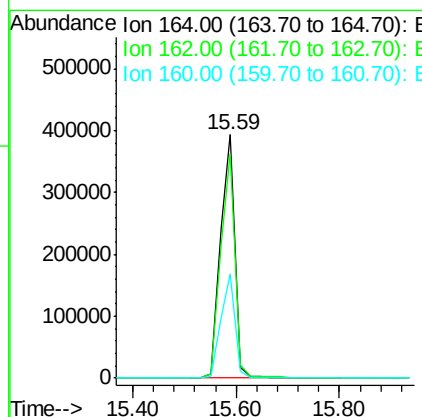
Manual Integrations
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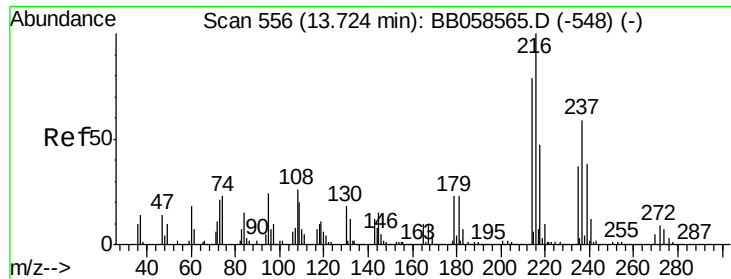
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.59 min Scan# 653
Delta R.T. -0.00 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	92.1	71.2	106.8
160	43.0	32.8	49.2





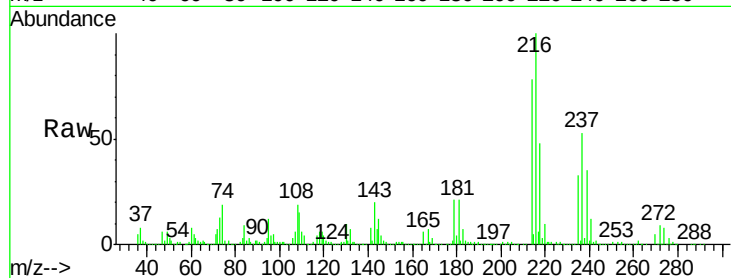
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.17 ng
 RT: 13.74 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

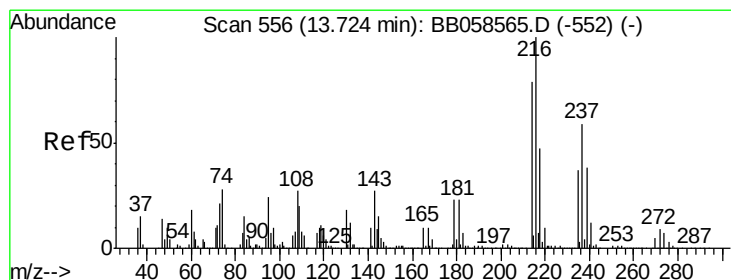
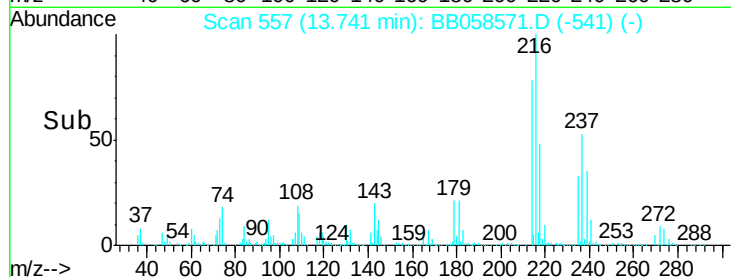
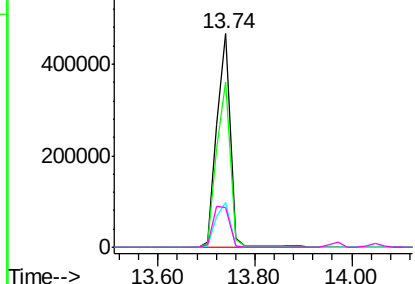
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		907593		
214	78.9	63.5	95.3		
179	22.4	18.1	27.1		
108	24.5	19.7	29.5		

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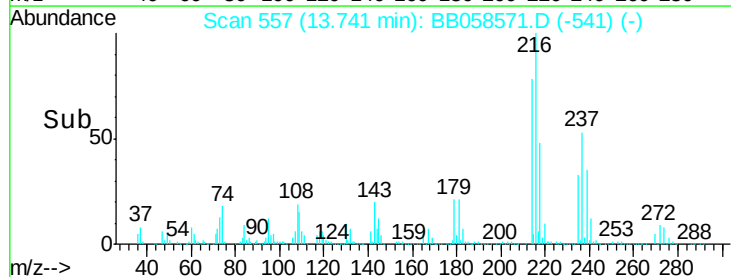
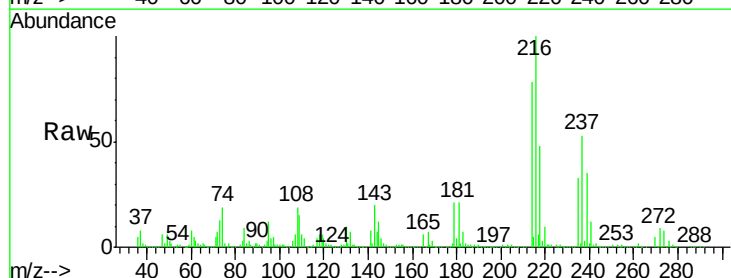
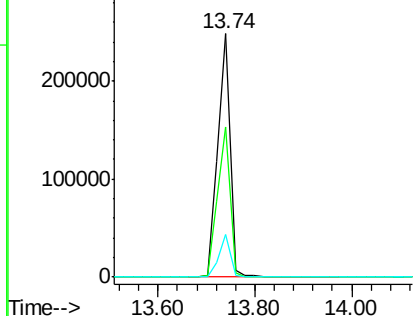
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

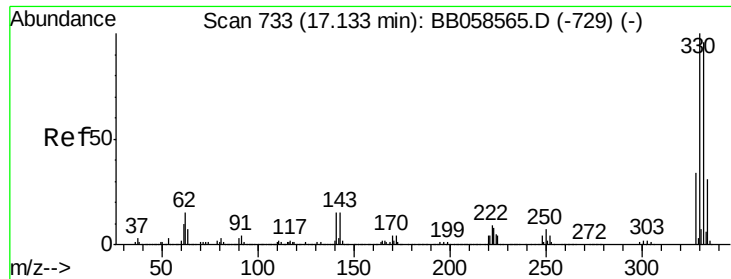


#40
 Hexachlorocyclopentadiene
 Concen: 41.15 ng
 RT: 13.74 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		441884		
235	61.5	43.9	83.9		
272	17.6	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





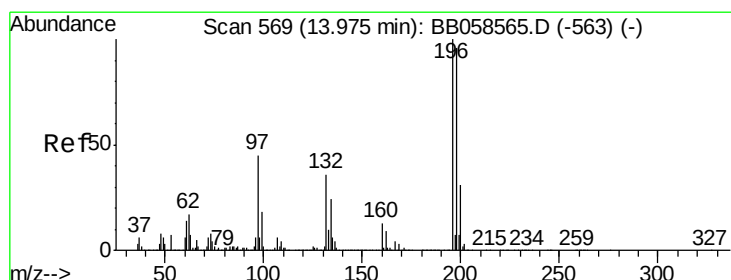
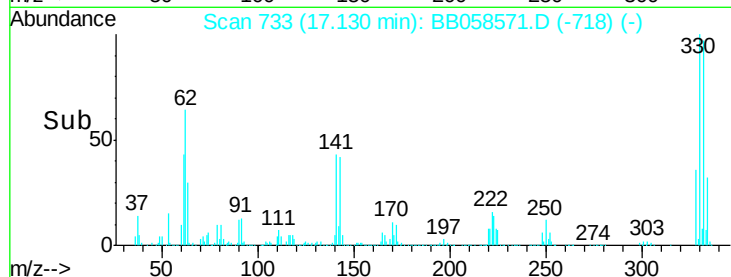
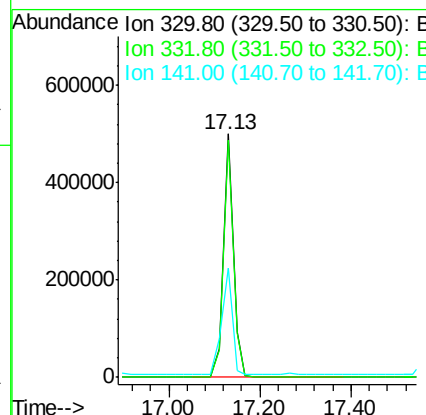
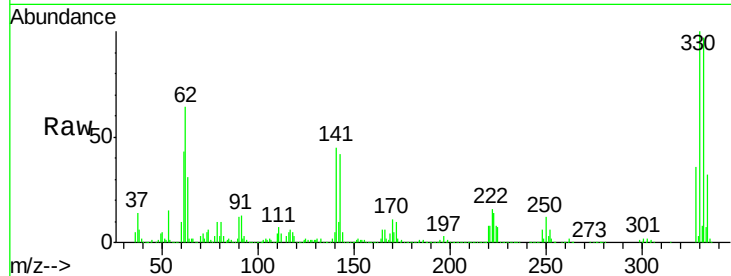
#41
 2,4,6-Tribromophenol
 Concen: 77.58 ng
 RT: 17.13 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

Tot Ion	Ratio	Resp	Lower	Upper
330	100	767978		
332	97.1		77.4	116.0
141	45.9		32.5	48.7

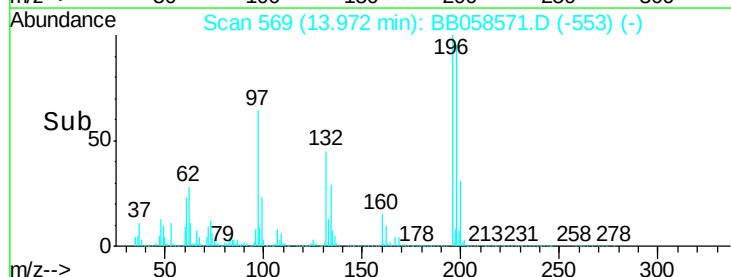
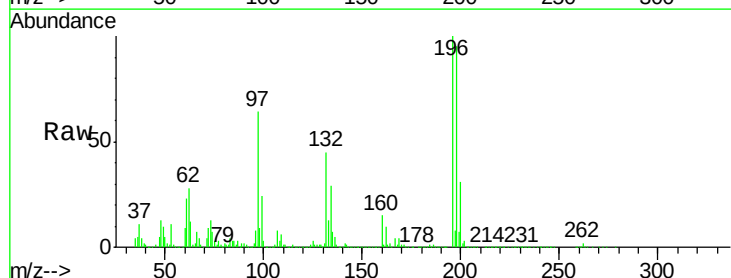
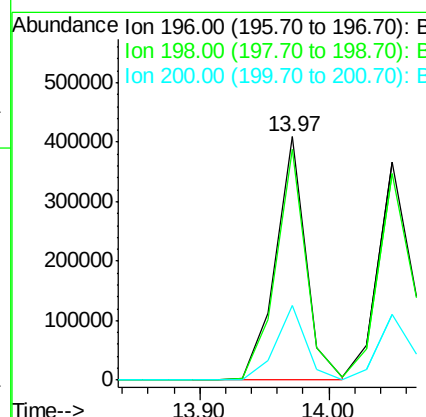
Manual Integrations
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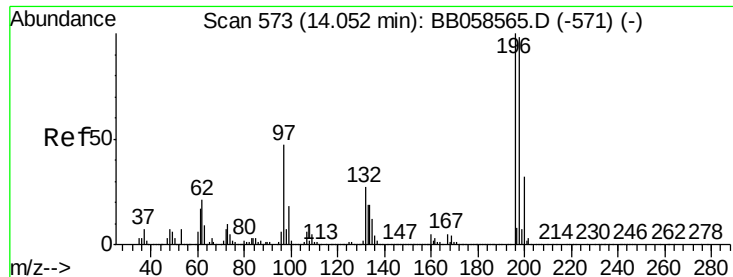
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#42
 2,4,6-Trichlorophenol
 Concen: 39.85 ng
 RT: 13.97 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	673011		
198	94.9		78.6	118.0
200	30.7		25.9	38.9





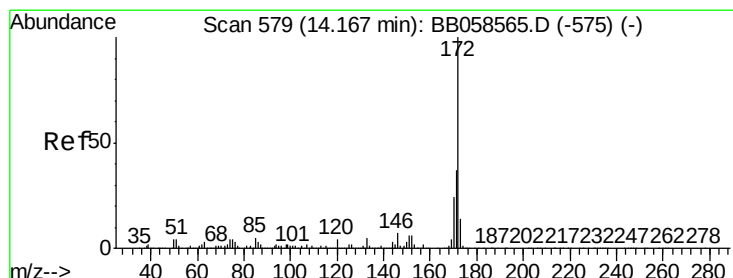
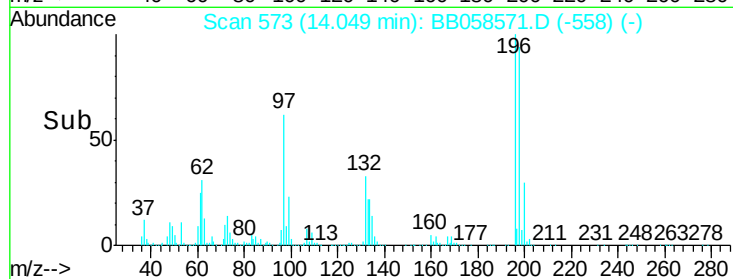
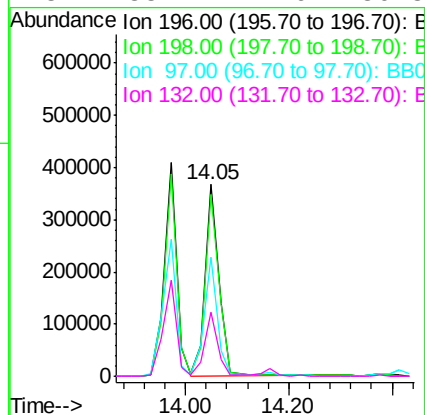
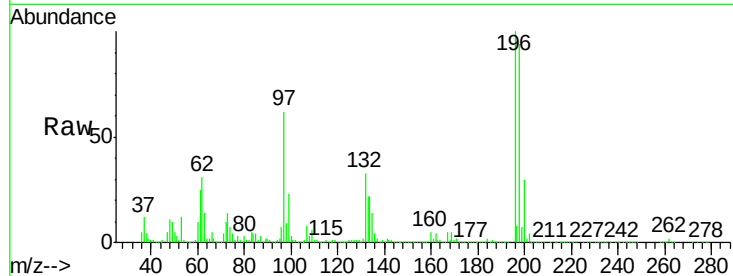
#43
 2,4,5-Trichlorophenol
 Concen: 38.94 ng
 RT: 14.05 min Scan# 573
 Delta R.T. -0.02 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		679328		
198	94.5	76.0	114.0		
97	62.2	44.6	66.8		
132	33.2	24.6	36.8		

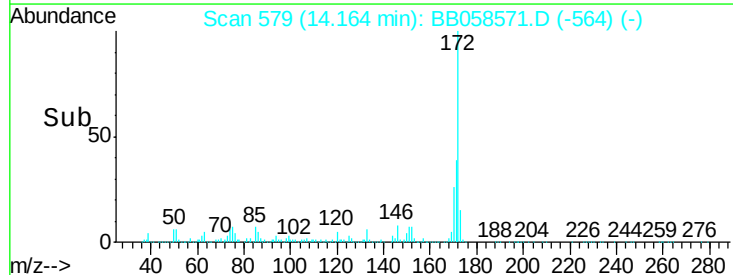
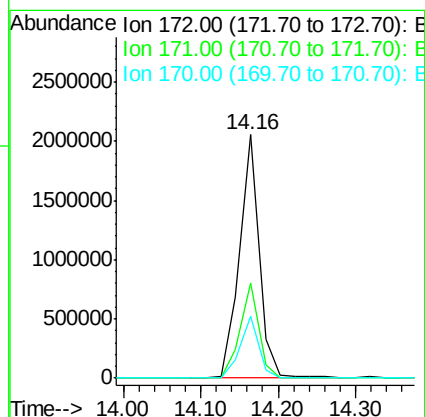
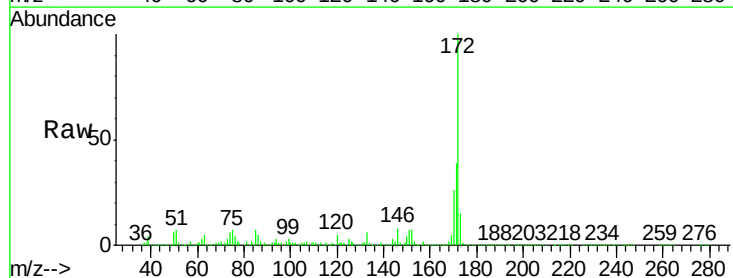
Manual Integrations
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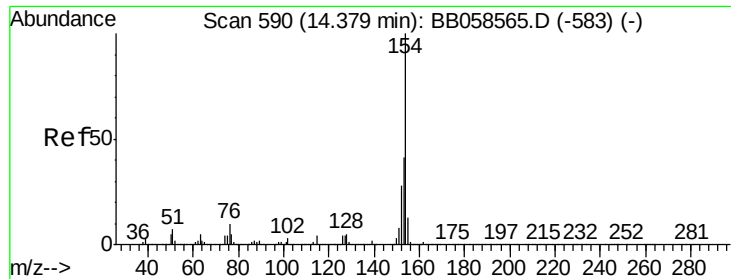
sohil
 9/30/2016 7:24:47 PM



#44
 2-Fluorobiphenyl
 Concen: 77.90 ng
 RT: 14.16 min Scan# 579
 Delta R.T. -0.02 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		3643182		
171	39.2	33.2	49.8		
170	25.6	21.8	32.8		





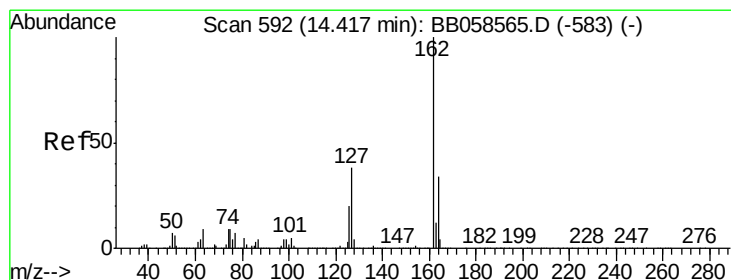
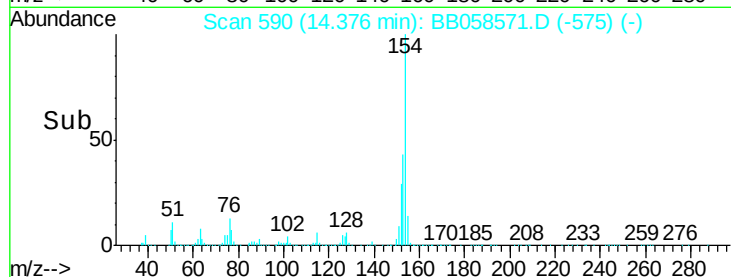
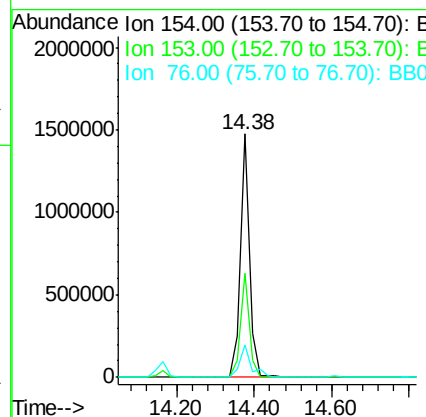
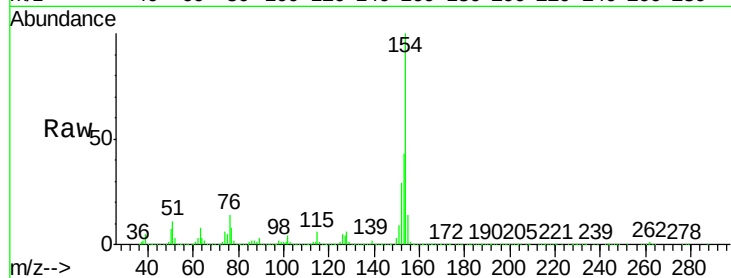
#45
 1,1'-Biphenyl
 Concen: 38.99 ng
 RT: 14.38 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.6	25.6	65.6
76	13.5	0.0	31.4

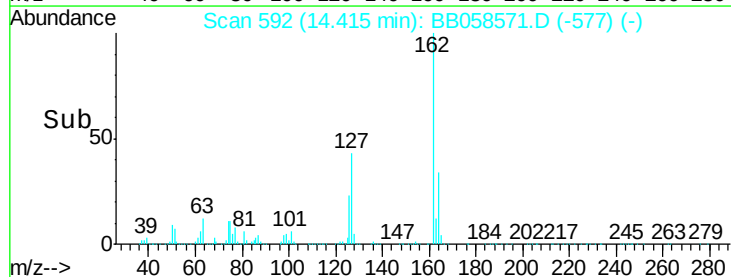
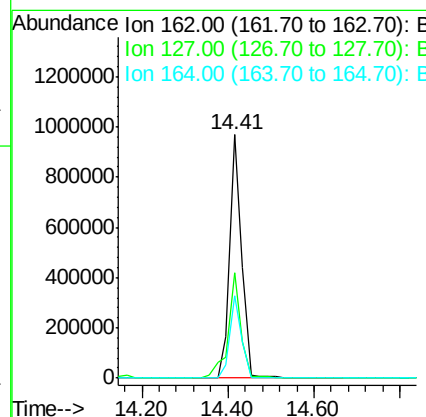
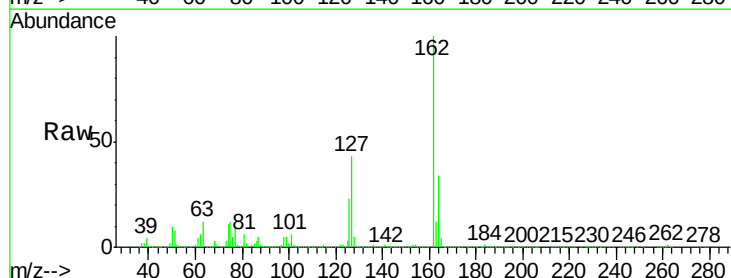
Manual Integrations
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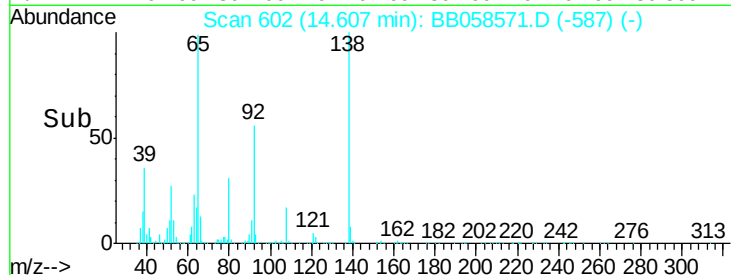
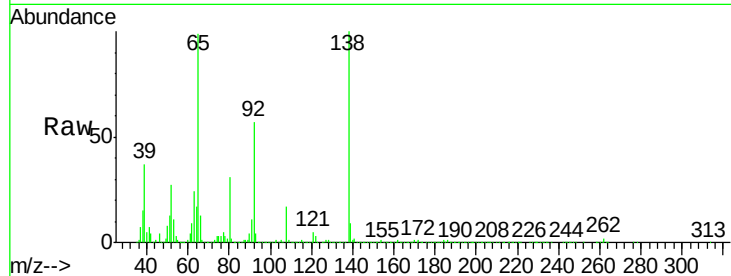
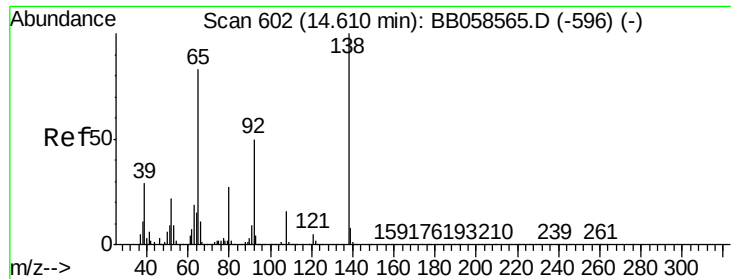
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#46
 2-Chloronaphthalene
 Concen: 38.92 ng
 RT: 14.41 min Scan# 592
 Delta R.T. -0.02 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.2	32.7	49.1
164	33.7	28.1	42.1





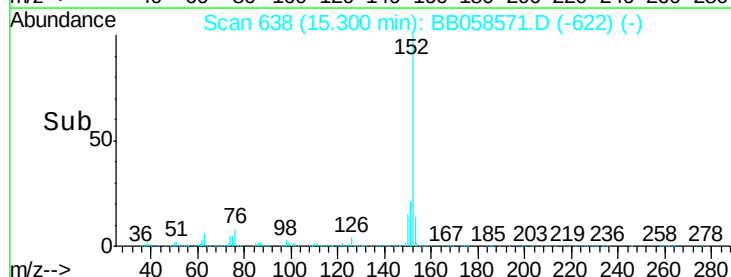
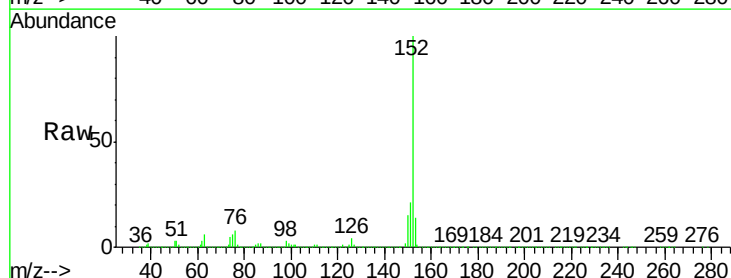
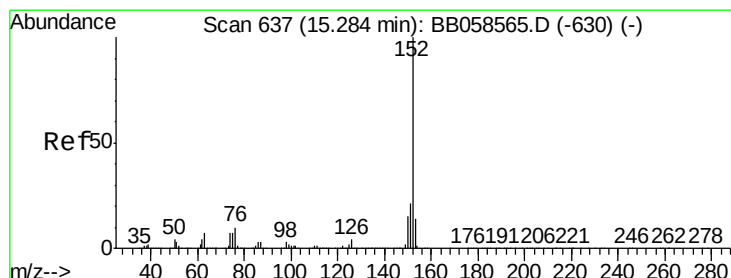
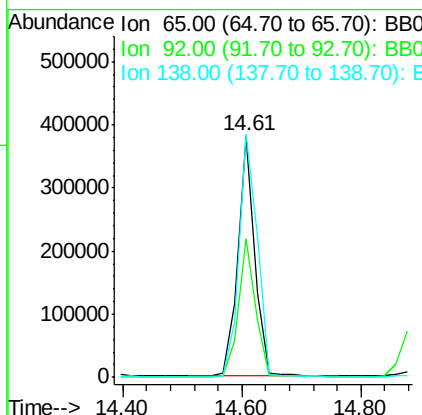
#47
2-Nitroaniline
Concen: 38.66 ng
RT: 14.61 min Scan# 602
Delta R.T. -0.02 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Tot Ion	Ratio	Lower	Upper
65	100		
92	57.2	47.4	71.2
138	100.9	93.2	139.8

Instrument :
BNA_B
ClientSampled :
ICVBB093016

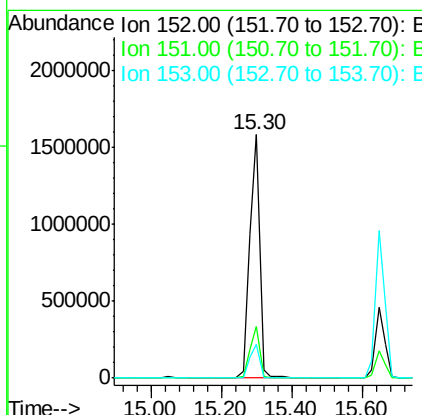
Manual Integrations
APPROVED

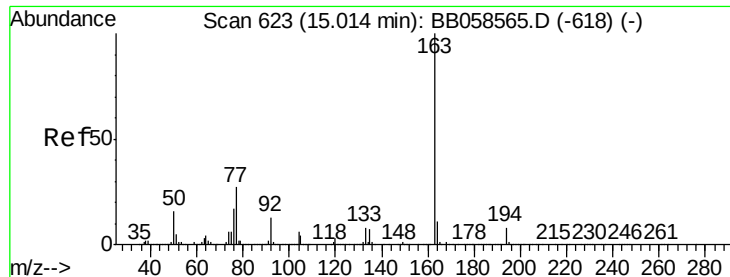
sohil
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#48
Acenaphthylene
Concen: 41.76 ng
RT: 15.30 min Scan# 638
Delta R.T. 0.00 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	18.3	27.5
153	13.9	12.7	19.1





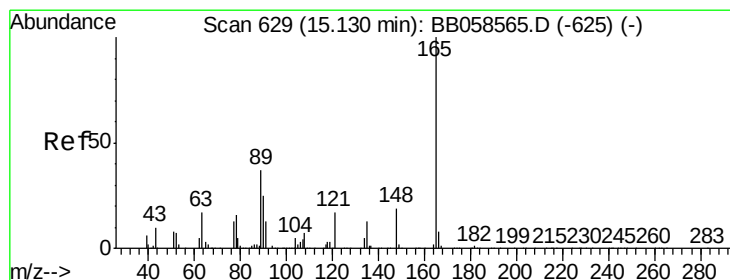
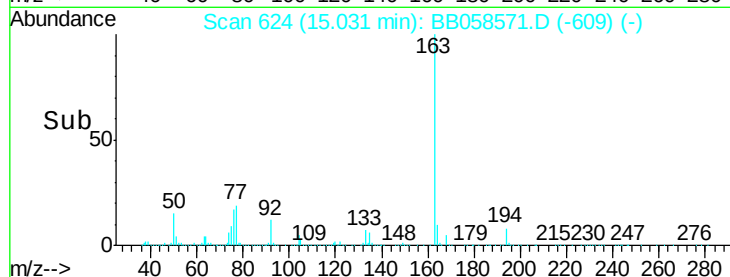
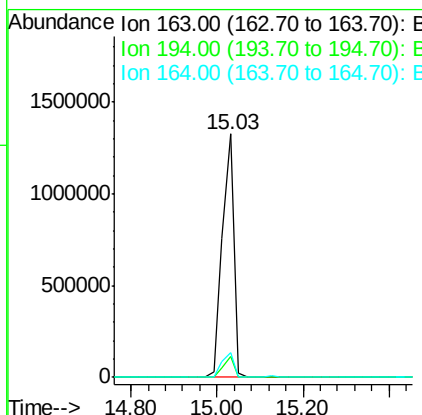
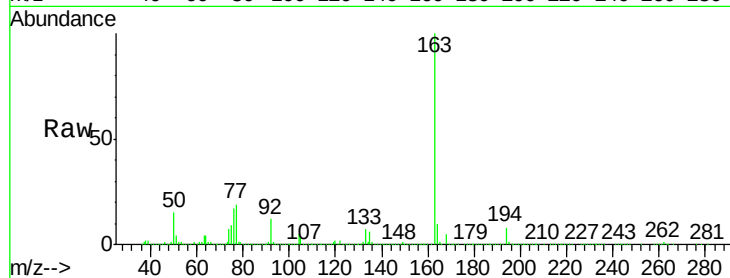
#49
Dimethylphthalate
Concen: 44.12 ng
RT: 15.03 min Scan# 624
Delta R.T. -0.02 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	Ratio	Lower	Upper
163	100		
194	8.4	7.5	11.3
164	10.0	8.4	12.6

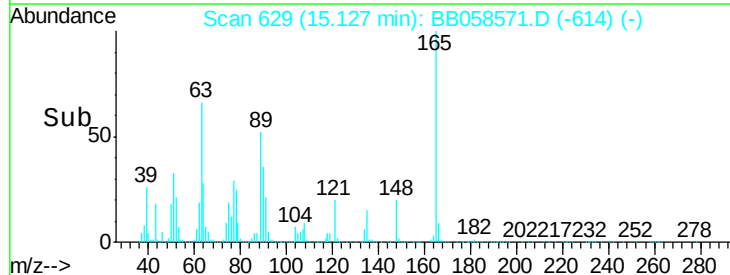
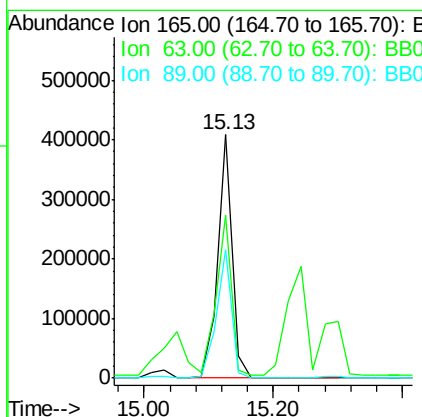
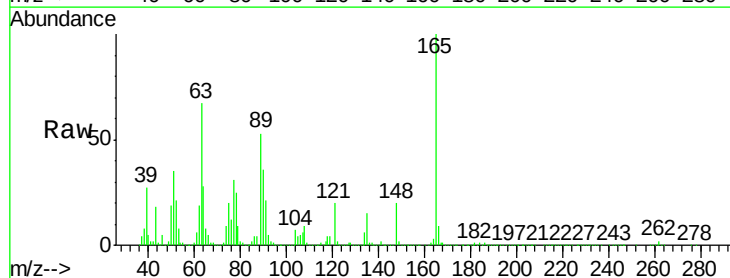
Manual Integrations
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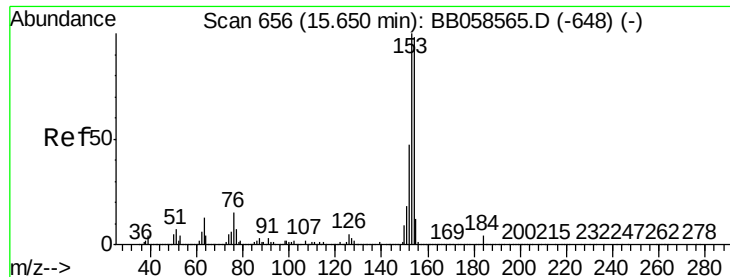
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#50
2,6-Dinitrotoluene
Concen: 39.66 ng
RT: 15.13 min Scan# 629
Delta R.T. -0.02 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.8	42.7	64.1#
89	52.6	36.7	55.1





#51

Acenaphthene

Concen: 38.85 ng

RT: 15.65 min Scan# 656

Delta R.T. -0.02 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Instrument :

BNA_B

ClientSampleId :

ICVBB093016

Tot Ion:154 Resp: 1951816

Ion Ratio Lower Upper

154 100

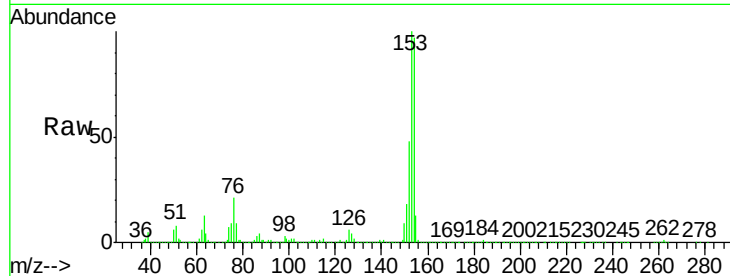
153 103.1 81.6 122.4

152 49.8 41.5 62.3

Manual Integrations
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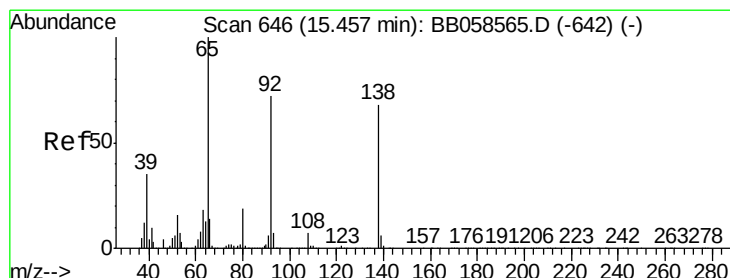
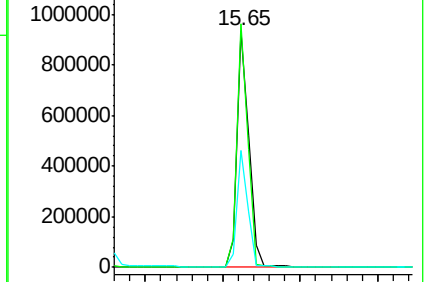
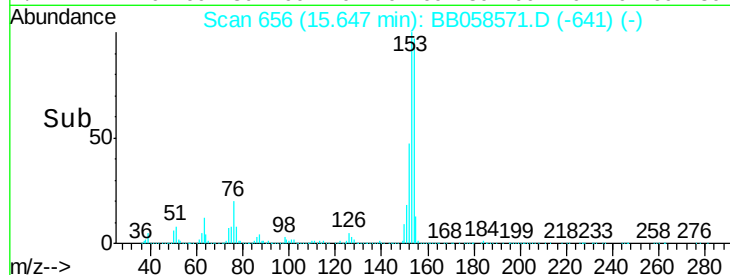
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.93 ng

RT: 15.47 min Scan# 647

Delta R.T. -0.02 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

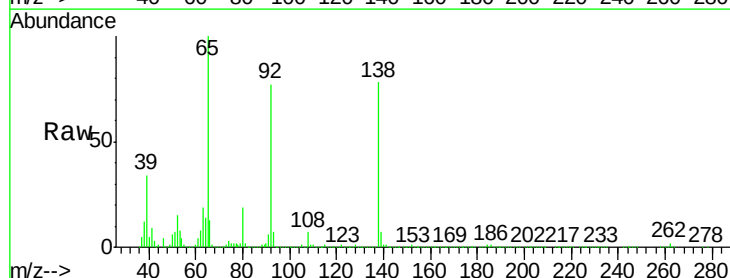
Tgt Ion:138 Resp: 698238

Ion Ratio Lower Upper

138 100

108 9.5 7.3 10.9

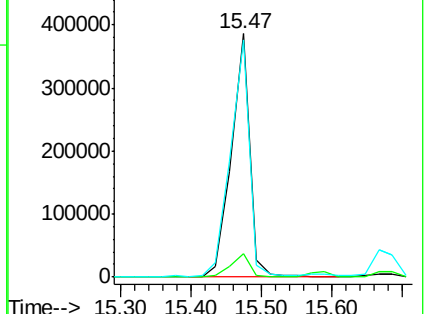
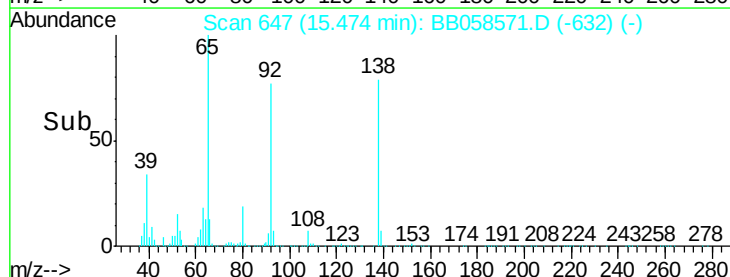
92 97.5 74.6 112.0

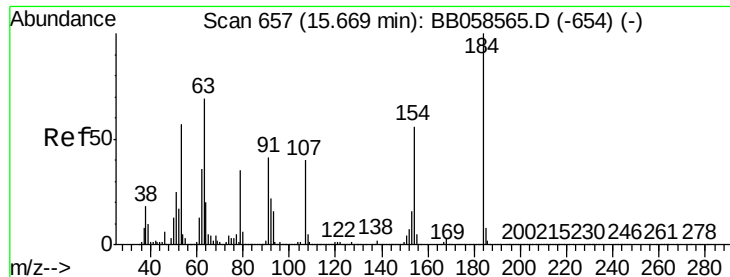


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BB0





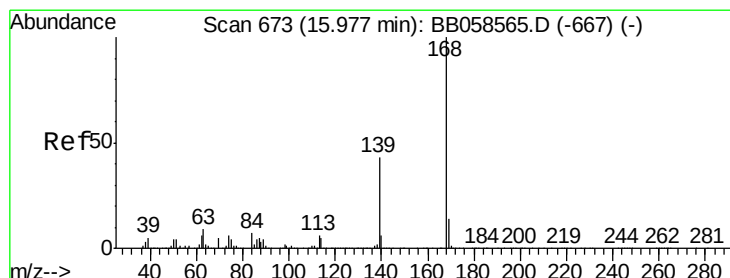
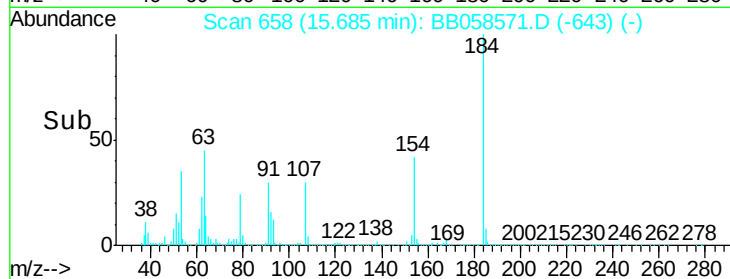
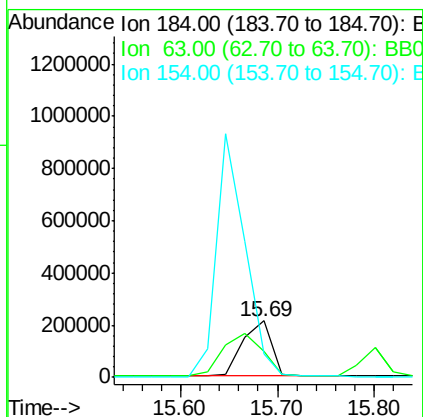
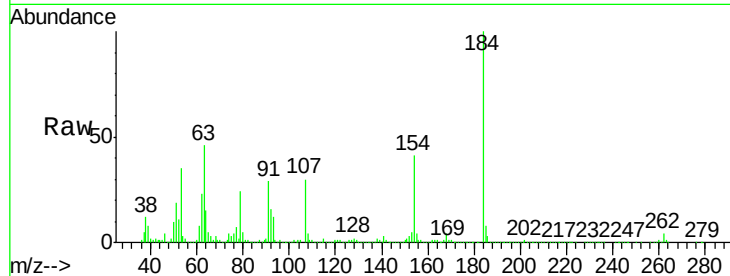
#53
 2,4-Dinitrophenol
 Concen: 42.36 ng
 RT: 15.69 min Scan# 658
 Delta R.T. -0.02 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

Tot Ion	Ratio	Lower	Upper
184	100		
63	45.7	30.7	46.1
154	41.2	29.4	44.0

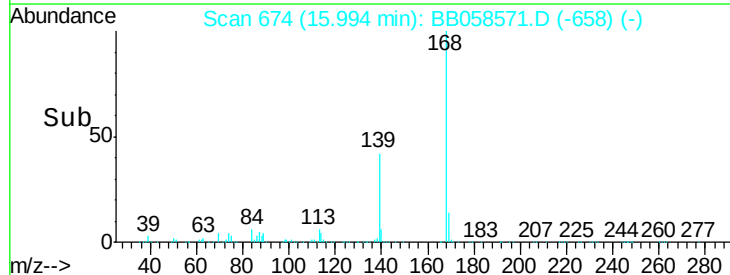
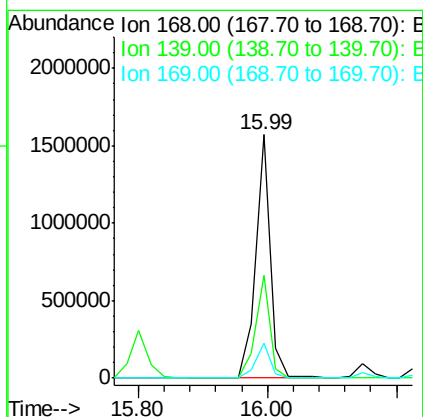
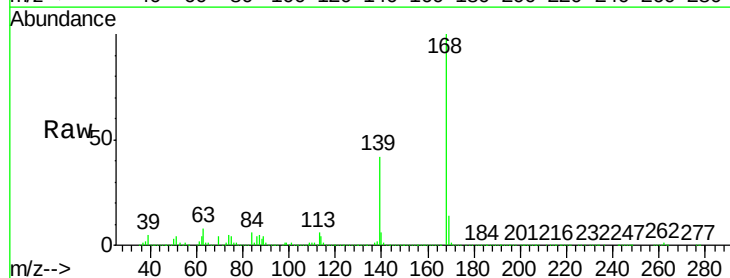
Manual Integrations
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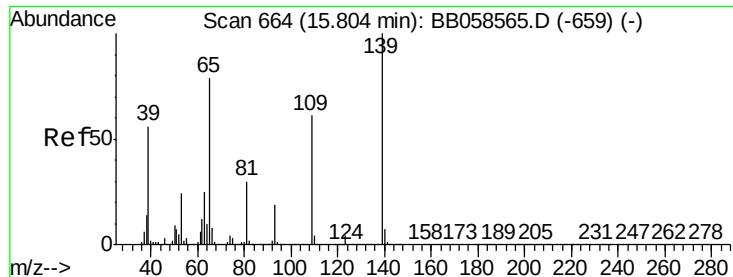
sohil
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#54
 Dibenzofuran
 Concen: 39.23 ng
 RT: 15.99 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.0	32.0	48.0
169	14.3	12.1	18.1





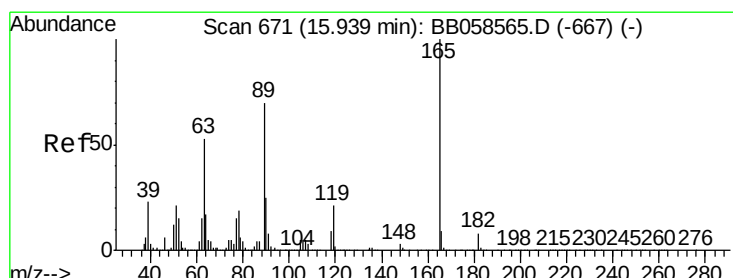
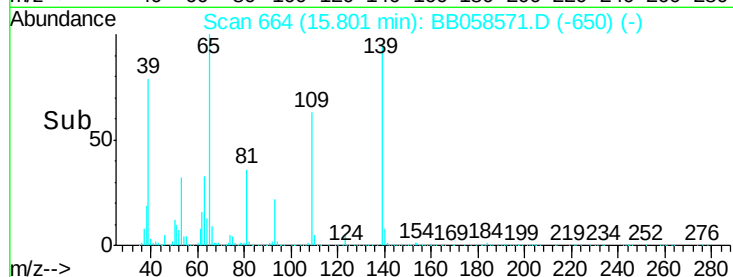
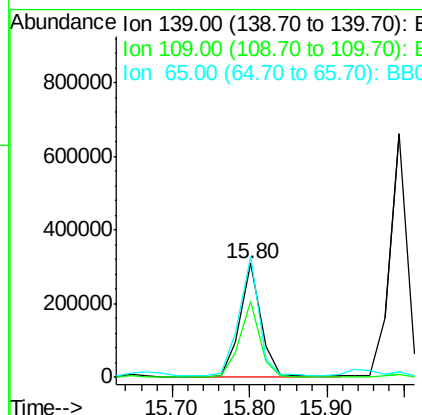
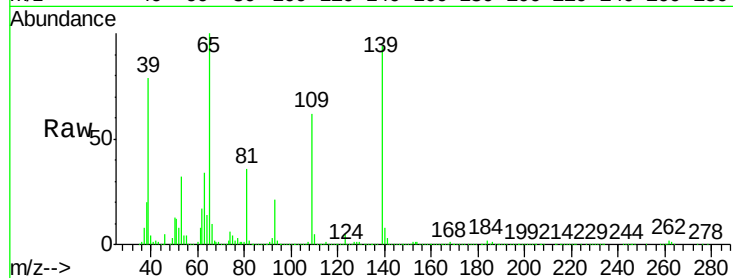
#55
4-Nitrophenol
Concen: 38.18 ng
RT: 15.80 min Scan# 664
Delta R.T. -0.04 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	Ratio	Lower	Upper
139	100		
109	66.3	45.4	85.4
65	106.2	79.8	119.8

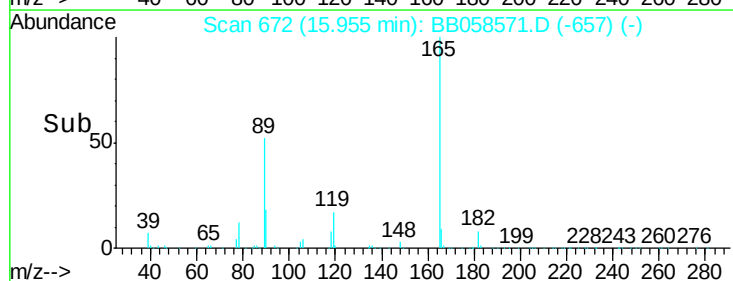
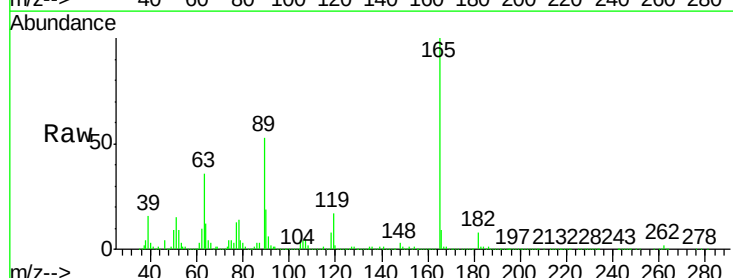
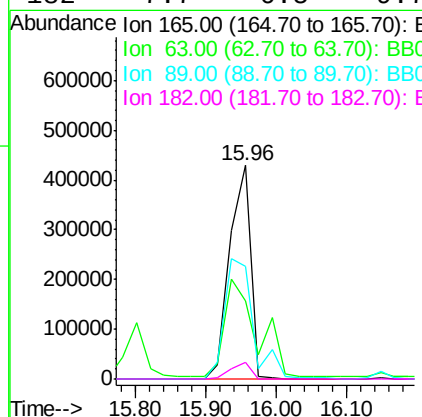
Manual Integrations
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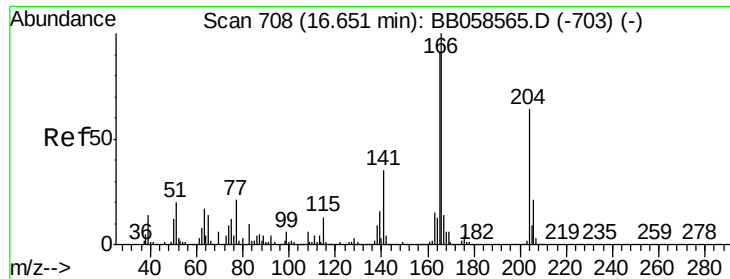
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#56
2,4-Dinitrotoluene
Concen: 41.31 ng
RT: 15.96 min Scan# 672
Delta R.T. -0.02 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.5	28.5	42.7
89	52.7	39.7	59.5
182	7.7	6.5	9.7





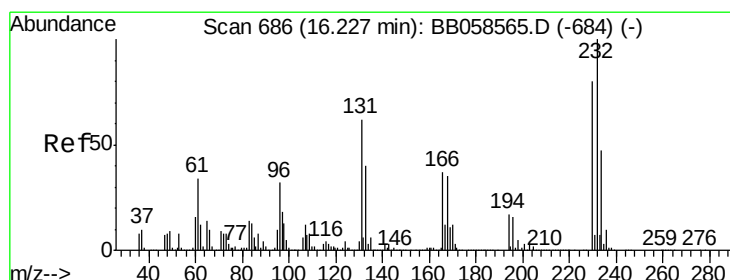
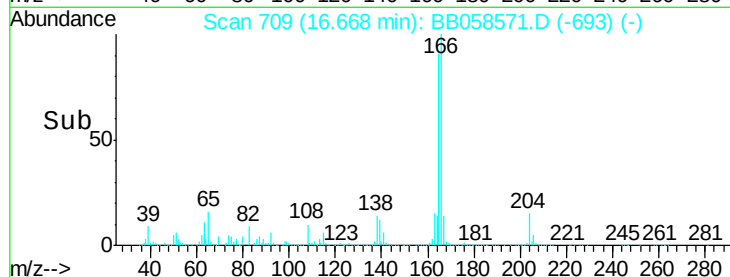
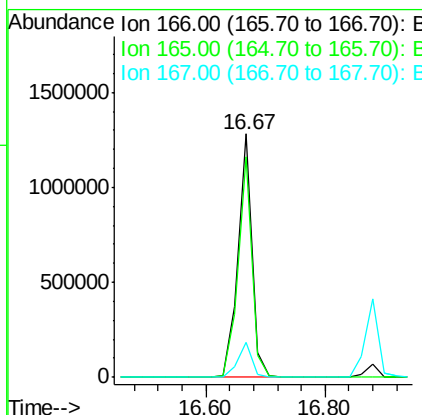
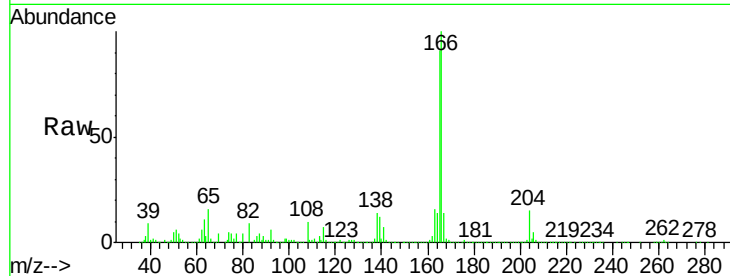
#57
 Fluorene
 Concen: 40.26 ng
 RT: 16.67 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

Tot Ion	Ratio	Lower	Upper
166	100		
165	90.8	73.2	109.8
167	14.1	11.4	17.0

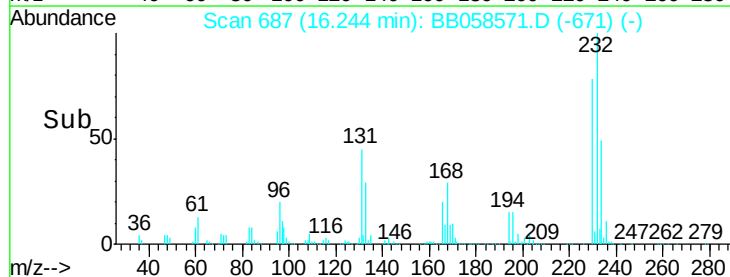
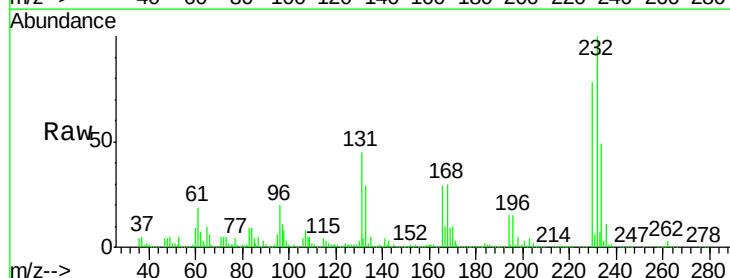
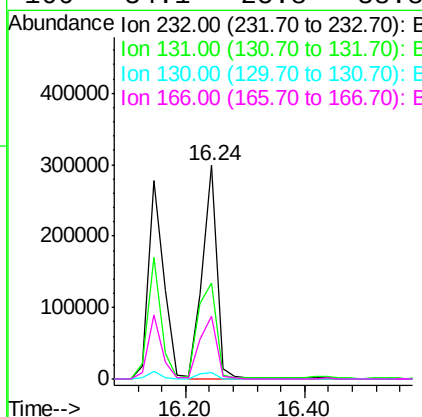
Manual Integrations
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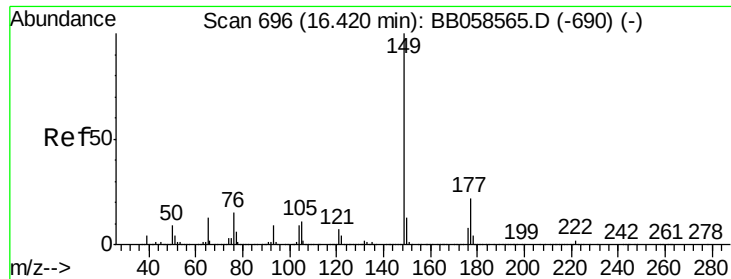
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.31 ng
 RT: 16.24 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	57.4	43.7	65.5
130	3.3	2.6	4.0
166	34.1	25.8	38.8





#59

Diethylphthalate

Concen: 42.22 ng

RT: 16.44 min Scan# 697

Delta R.T. -0.02 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Instrument :

BNA_B

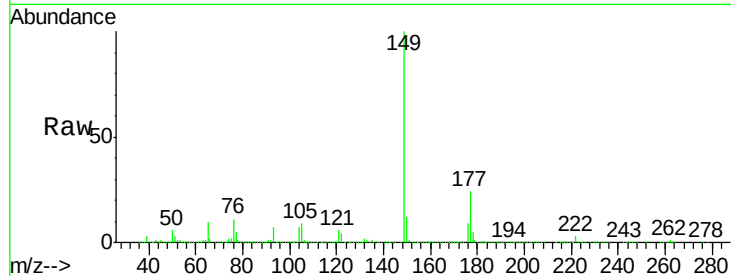
ClientSampleId :

ICVBB093016

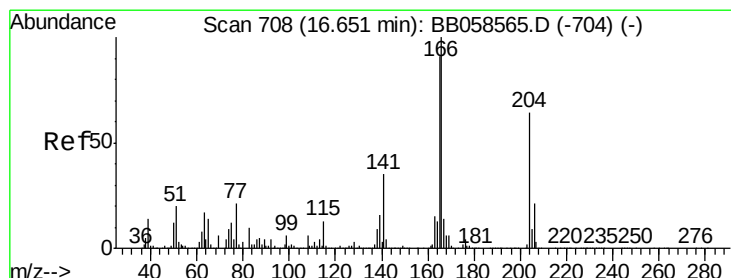
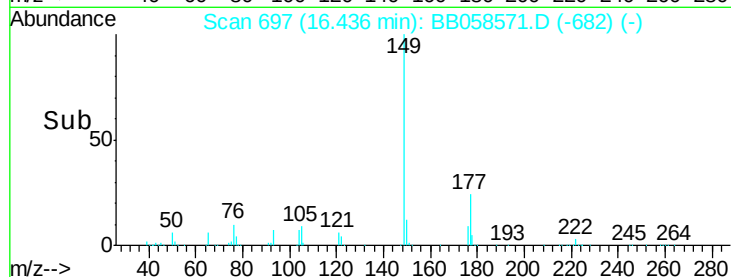
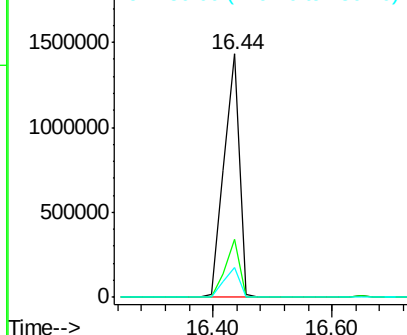
Tot Ion	Ion	Ratio	Lower	Upper
149	100			
177	24.0	21.5	32.3	
150	12.1	10.0	15.0	

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.25 ng

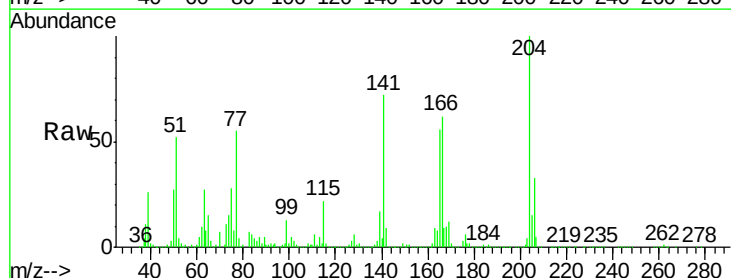
RT: 16.65 min Scan# 708

Delta R.T. -0.00 min

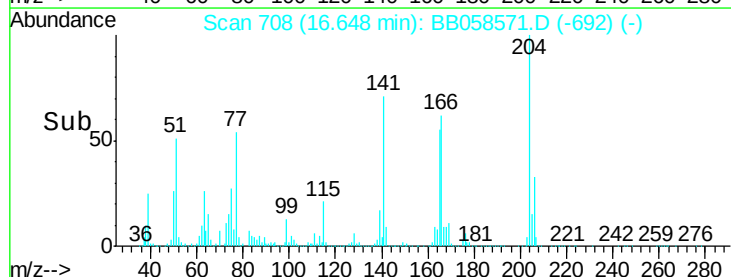
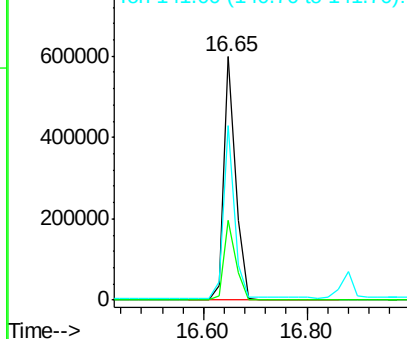
Lab File: BB058571.D

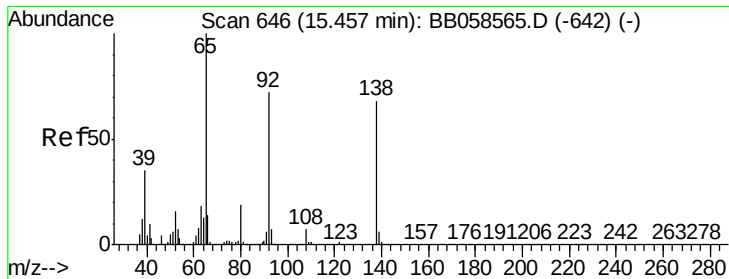
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Tgt Ion	Ion	Ratio	Lower	Upper
204	100			
206	32.7	27.8	41.6	
141	71.5	53.2	79.8	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





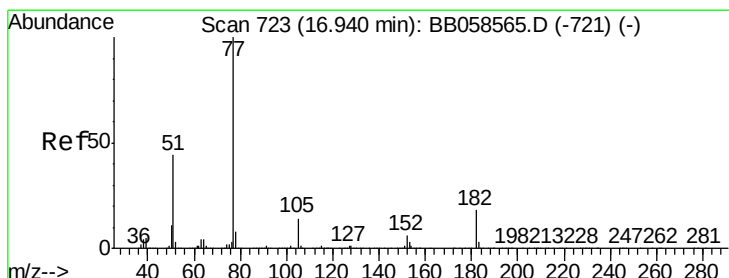
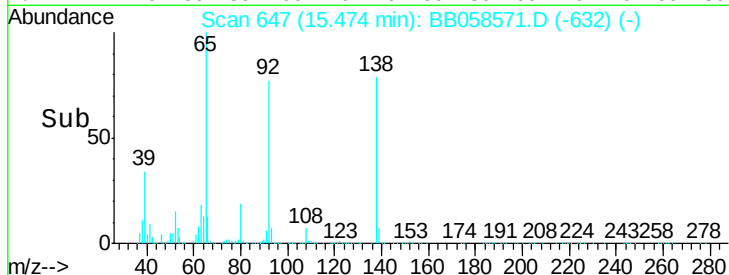
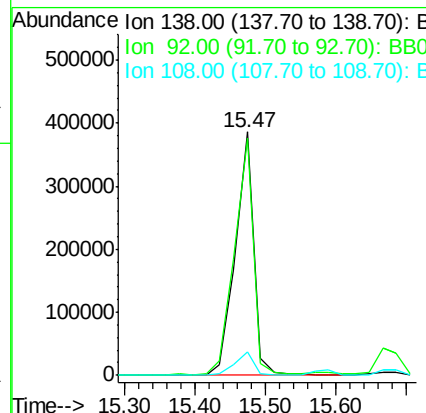
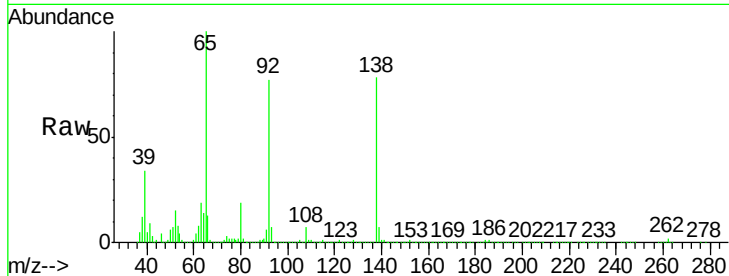
#61
4-Nitroaniline
Concen: 40.93 ng
RT: 15.47 min Scan# 647
Delta R.T. -0.02 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Instrument :
BNA_B
ClientSampled :
ICVBB093016

Tot Ion	Ratio	Resp	Lower	Upper
138	100	698238		
92	97.5	73.3	113.3	
108	9.5	0.0	29.1	

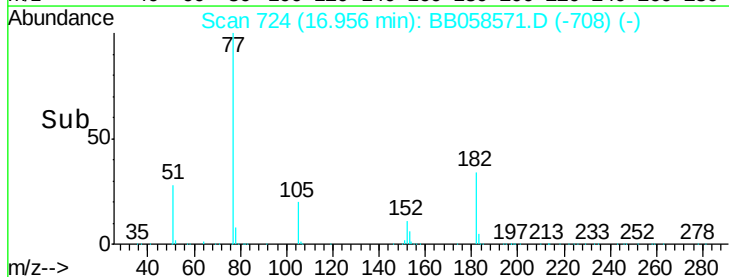
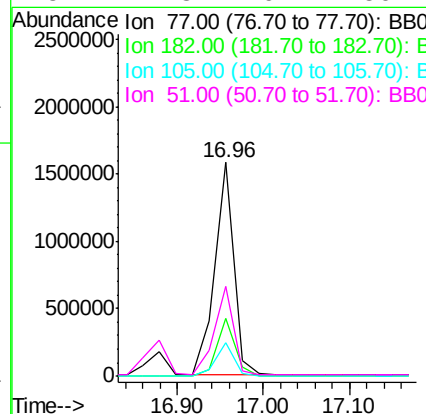
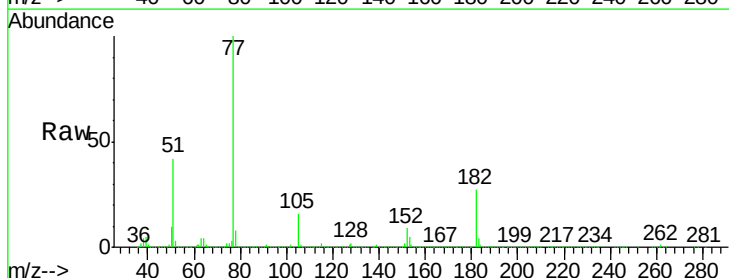
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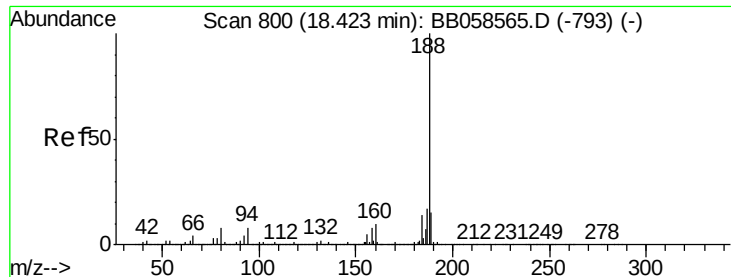
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#62
Azobenzene
Concen: 39.17 ng
RT: 16.96 min Scan# 724
Delta R.T. -0.00 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	2419145		
182	26.9	20.8	60.8	
105	15.6	0.0	38.2	
51	41.8	19.1	59.1	





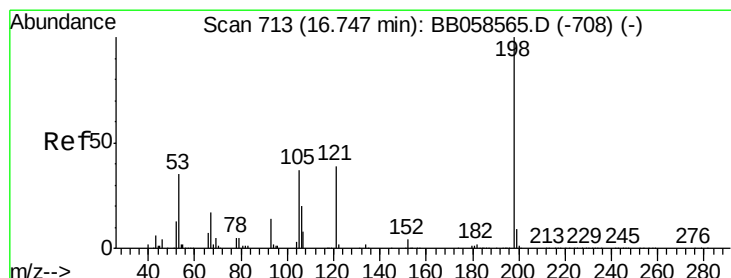
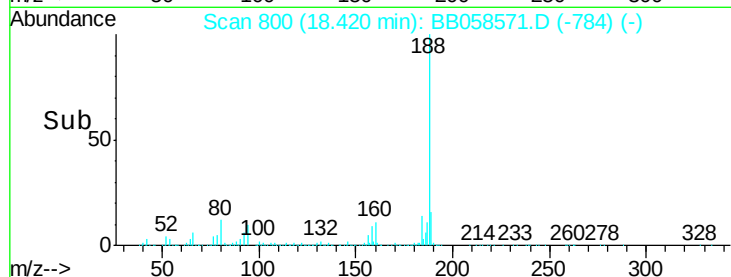
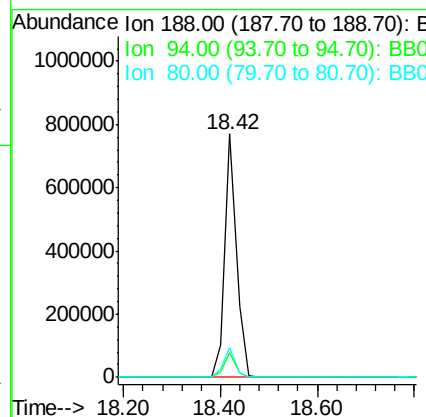
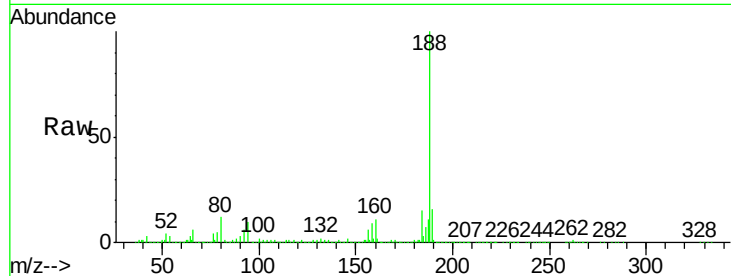
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.42 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Instrument :
 BNA_B
 ClientSampled :
 ICVBB093016

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.4	6.2	9.4#
80	12.2	6.9	10.3#

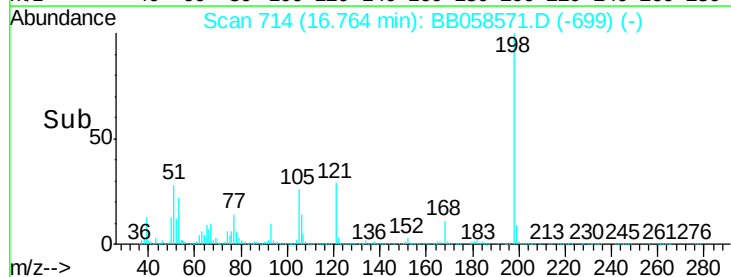
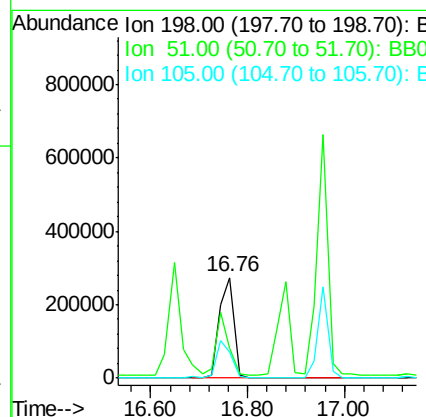
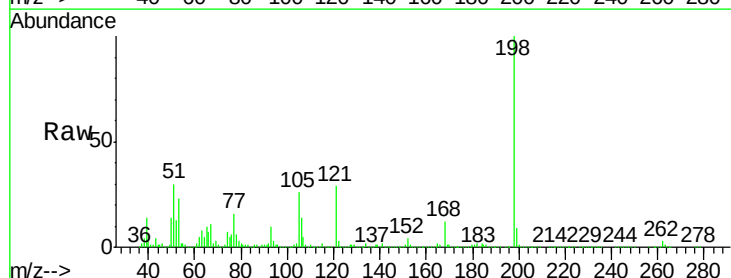
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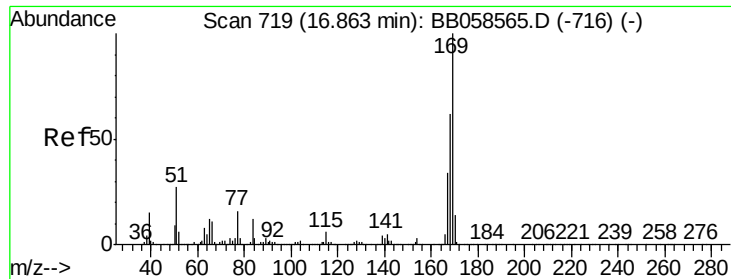
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.12 ng
 RT: 16.76 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Lower	Upper
198	100		
51	30.3	11.9	51.9
105	25.7	6.6	46.6





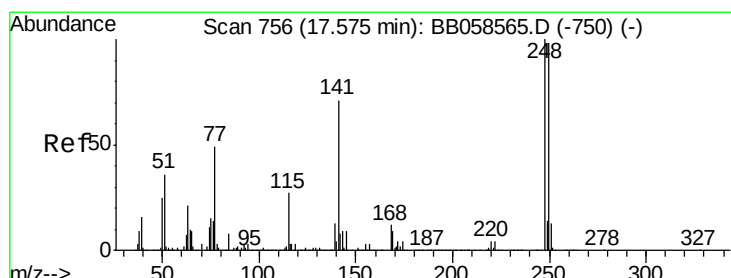
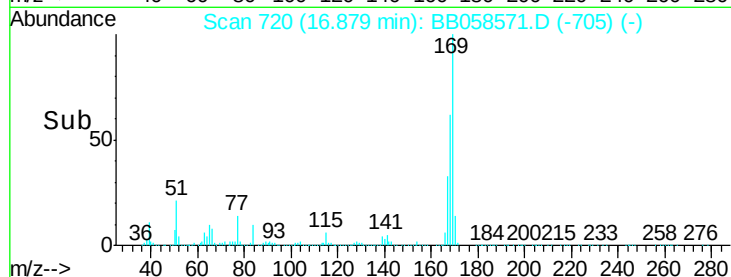
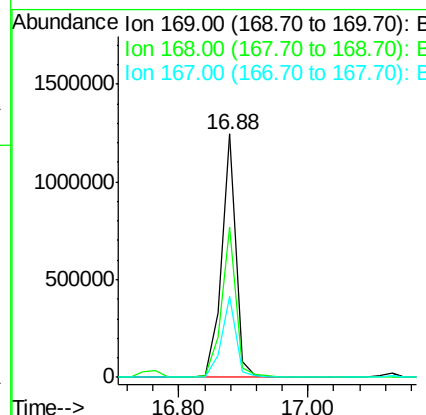
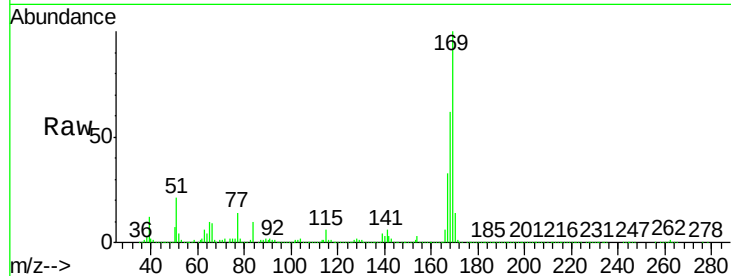
#65
n-Nitrosodiphenylamine
Concen: 42.40 ng
RT: 16.88 min Scan# 720
Delta R.T. -0.02 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion:169 Resp: 1934898
Ion Ratio Lower Upper
169 100
168 61.9 51.4 77.2
167 33.1 27.6 41.4

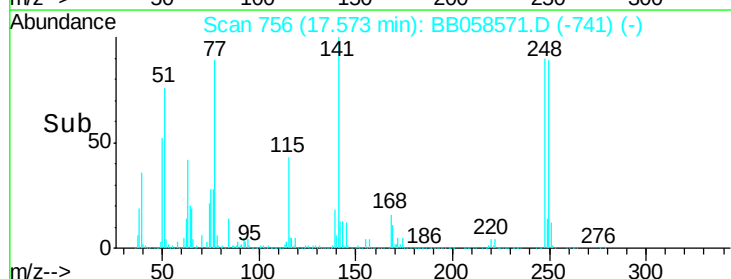
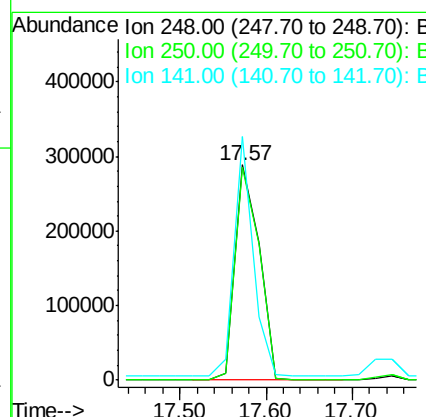
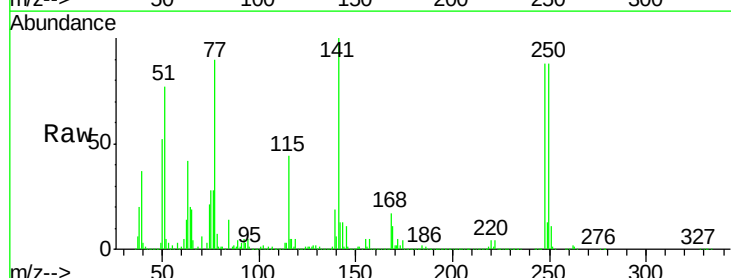
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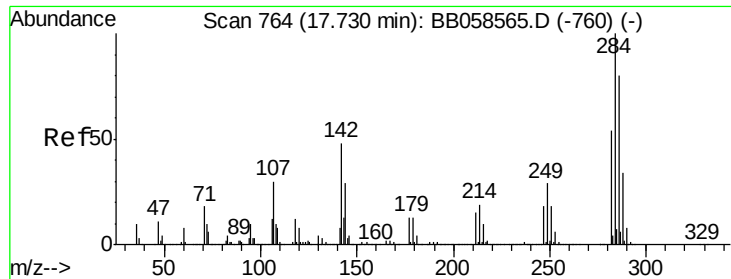
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#66
4-Bromophenyl-phenylether
Concen: 39.19 ng
RT: 17.57 min Scan# 756
Delta R.T. -0.02 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Tgt Ion:248 Resp: 562832
Ion Ratio Lower Upper
248 100
250 99.0 78.8 118.2
141 113.0 68.2 102.4#





#67

Hexachlorobenzene

Concen: 41.69 ng

RT: 17.75 min Scan# 765

Delta R.T. -0.00 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Instrument :

BNA_B

ClientSampleId :

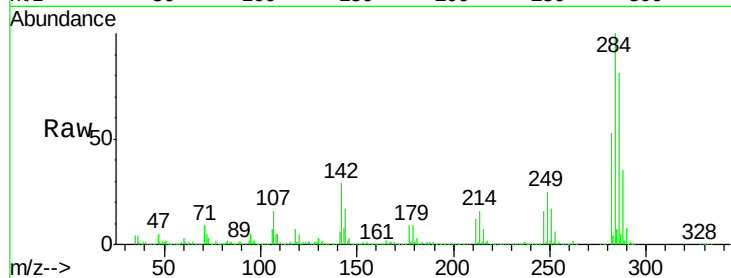
ICVBB093016

Tot Ion:	284	Resp:	733745
Ion Ratio	Lower	Upper	
284	100		
142	29.0	40.6	61.0#
249	25.2	24.8	37.2

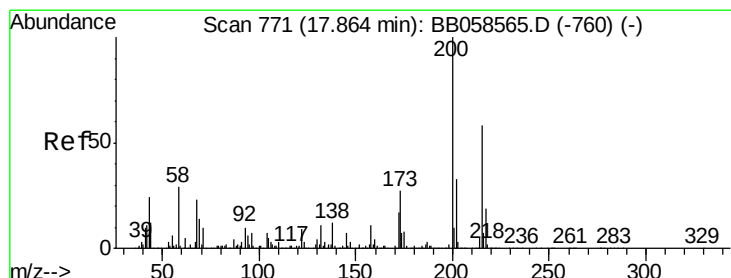
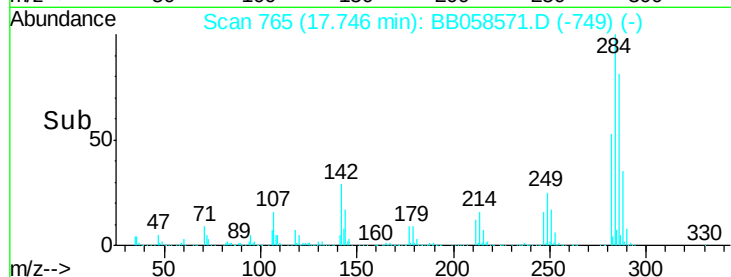
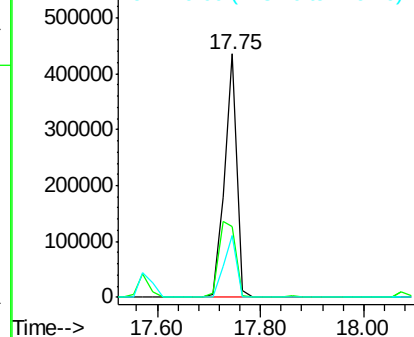
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.84 ng

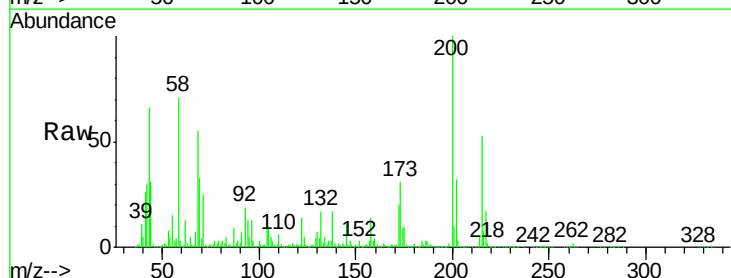
RT: 17.86 min Scan# 771

Delta R.T. -0.02 min

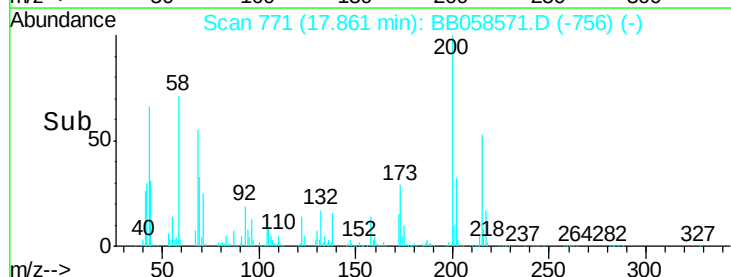
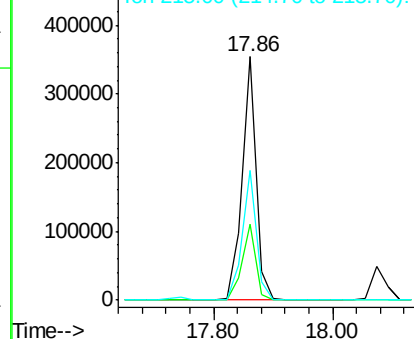
Lab File: BB058571.D

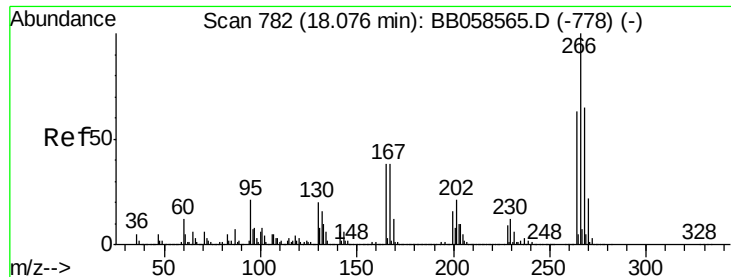
Acq: 30 Sep 2016 17:31

Tgt Ion:	200	Resp:	574759
Ion Ratio	Lower	Upper	
200	100		
173	31.1	10.4	50.4
215	53.3	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





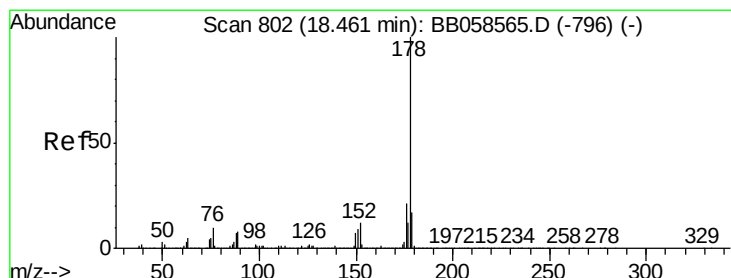
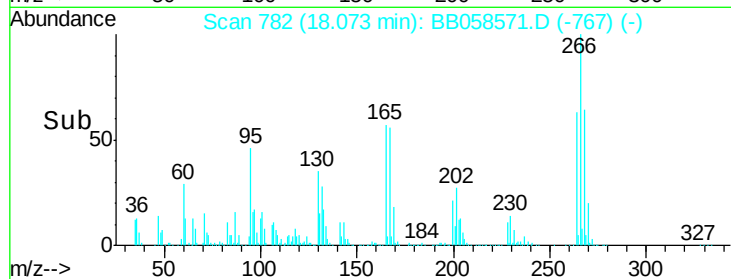
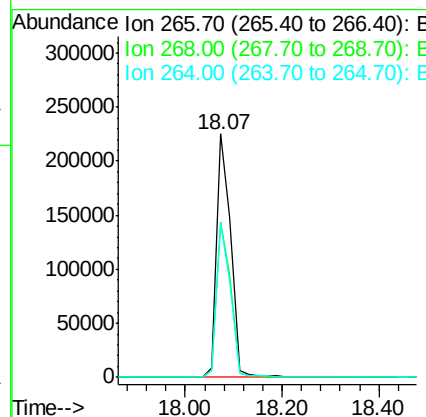
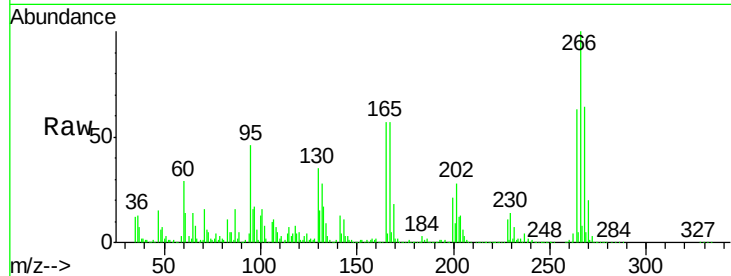
#69
 Pentachlorophenol
 Concen: 40.57 ng
 RT: 18.07 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

Tot Ion	Ratio	Resp	Lower	Upper
266	100	460214		
268	63.9	51.3	76.9	
264	63.1	50.2	75.2	

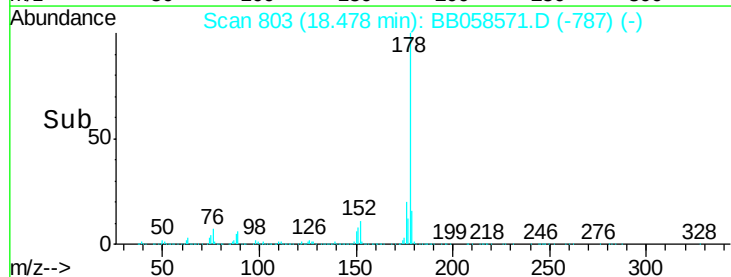
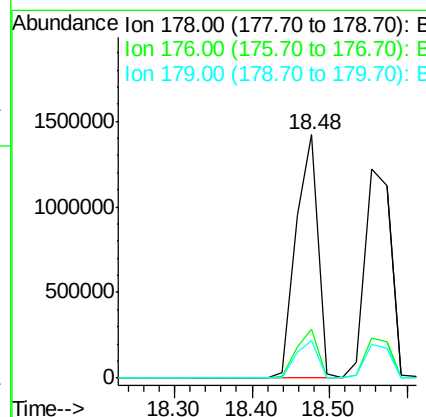
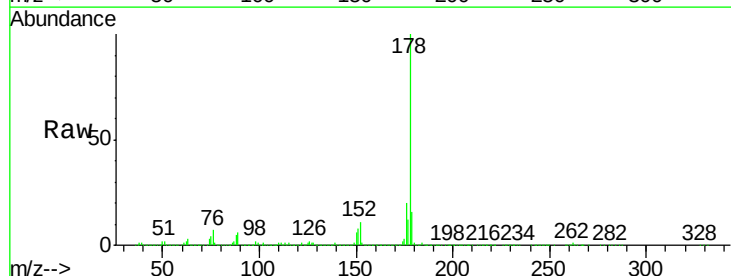
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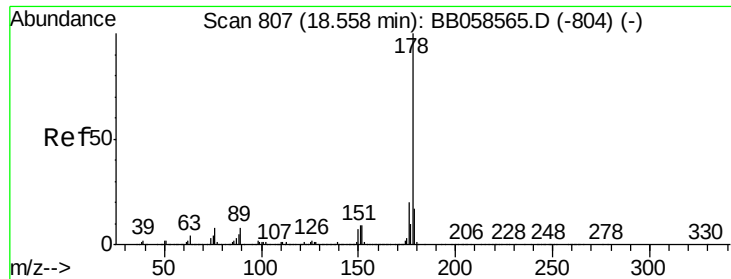
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#70
 Phenanthrene
 Concen: 40.98 ng
 RT: 18.48 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2817268		
176	19.9	17.2	25.8	
179	15.7	14.3	21.5	





#71

Anthracene

Concen: 40.74 ng

RT: 18.55 min Scan# 807

Delta R.T. -0.02 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Instrument :

BNA_B

ClientSampleId :

ICVBB093016

Tot Ion:178 Resp: 2862623

Ion Ratio Lower Upper

178 100

176 19.1 17.6 26.4

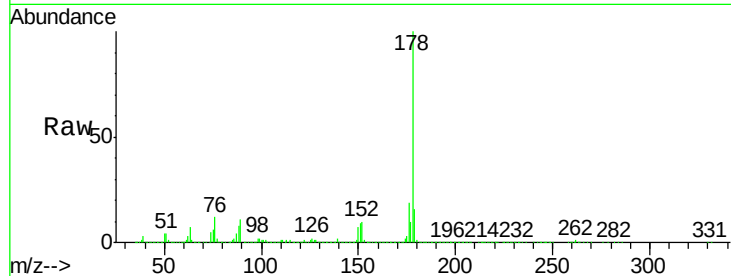
179 16.3 14.8 22.2

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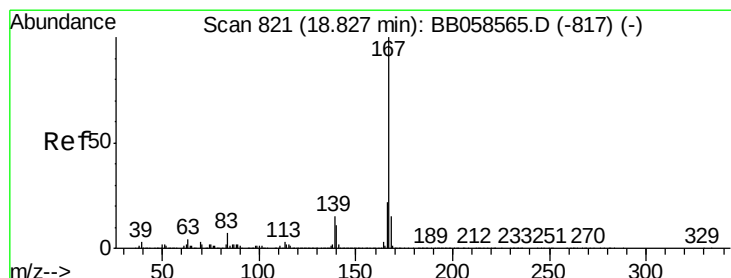
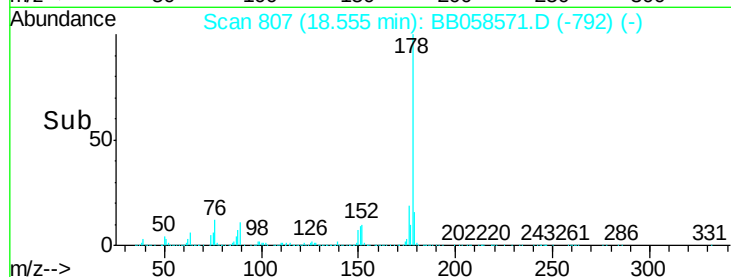
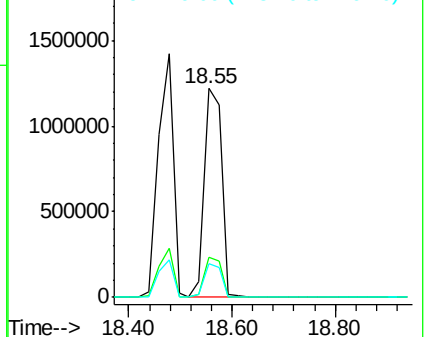
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.82 ng

RT: 18.82 min Scan# 821

Delta R.T. -0.02 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

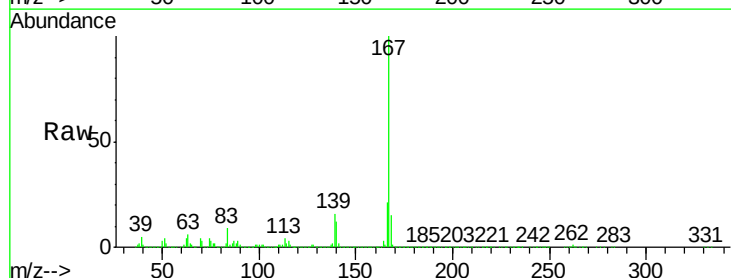
Tgt Ion:167 Resp: 2706790

Ion Ratio Lower Upper

167 100

166 21.2 19.4 29.0

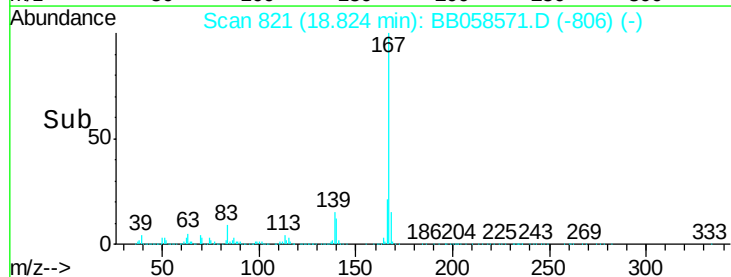
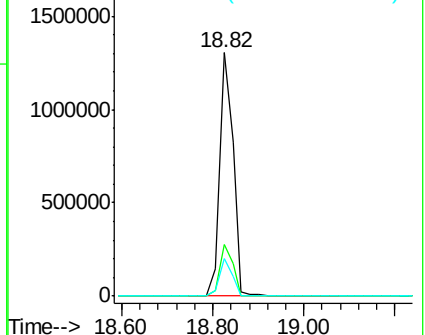
139 15.6 14.1 21.1

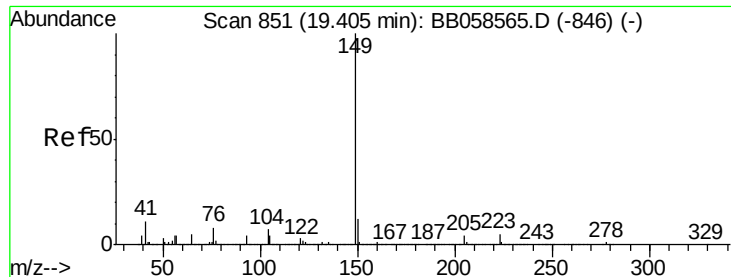


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.15 ng

RT: 19.40 min Scan# 851

Delta R.T. -0.02 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Instrument :

BNA_B

ClientSampled :

ICVBB093016

Tot Ion:149 Resp: 3831300

Ion Ratio Lower Upper

149 100

150 10.6 11.8 17.6#

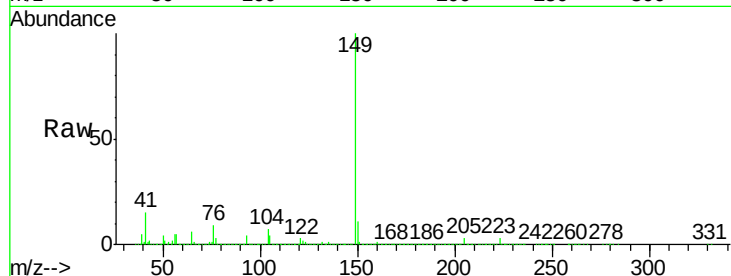
104 7.1 7.7 11.5#

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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

2500000

2000000

1500000

1000000

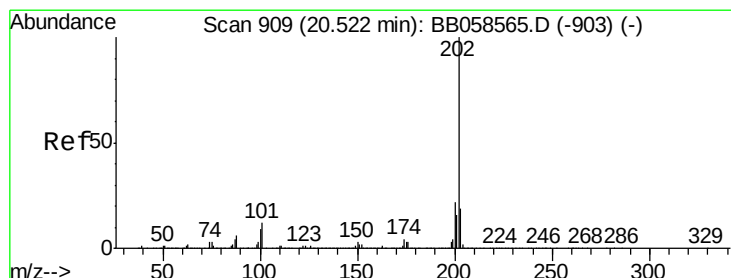
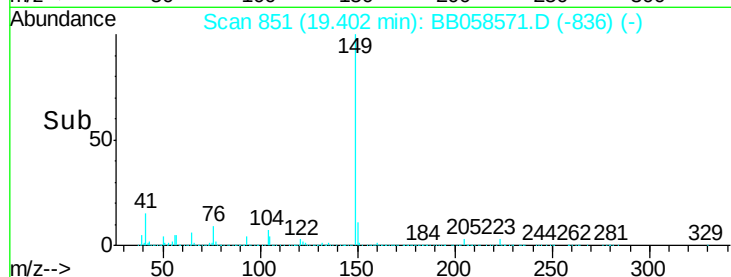
500000

0

19.40

19.20 19.40 19.60

Time-->



#74

Fluoranthene

Concen: 38.04 ng

RT: 20.52 min Scan# 909

Delta R.T. -0.02 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

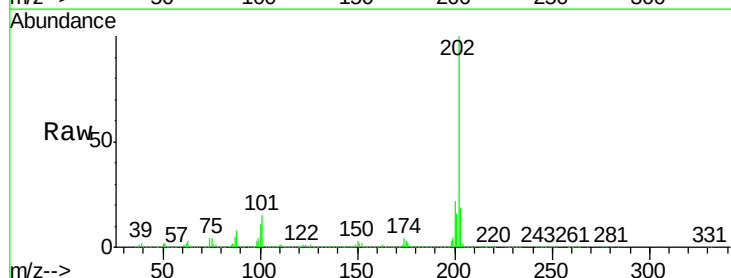
Tgt Ion:202 Resp: 2617316

Ion Ratio Lower Upper

202 100

101 15.1 0.0 34.3

203 19.0 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

2000000

1500000

1000000

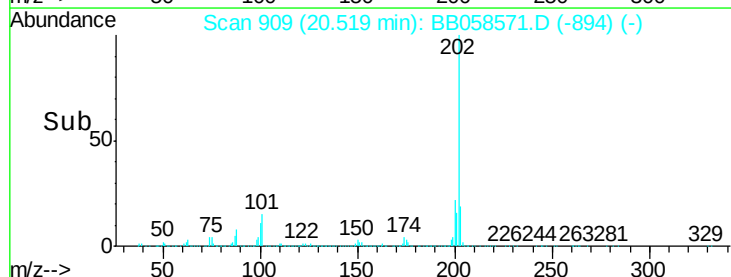
500000

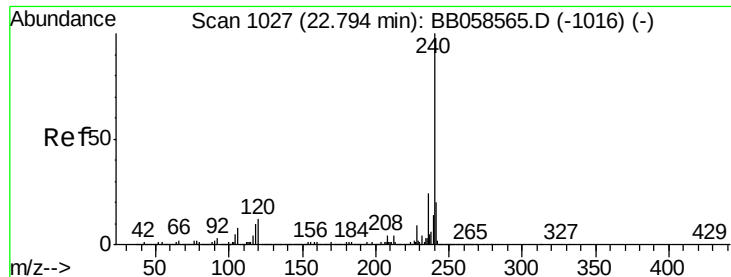
0

20.52

20.20 20.40 20.60 20.80

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.79 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Instrument :

BNA_B

ClientSampleId :

ICVBB093016

Tot Ion:240 Resp: 1198843

Ion Ratio Lower Upper

240 100

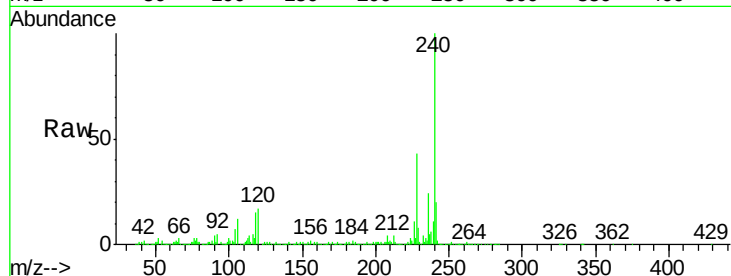
120 17.3 13.3 19.9

236 23.9 19.4 29.2

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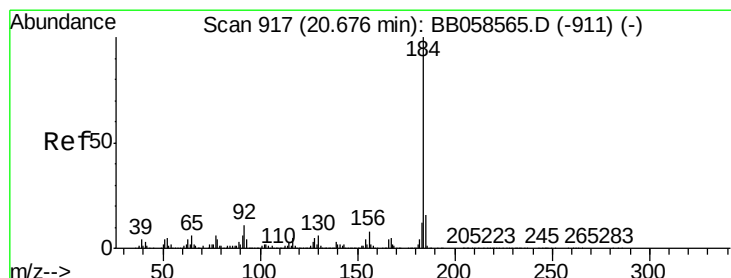
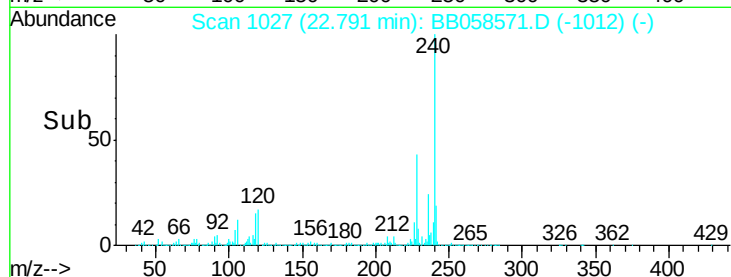
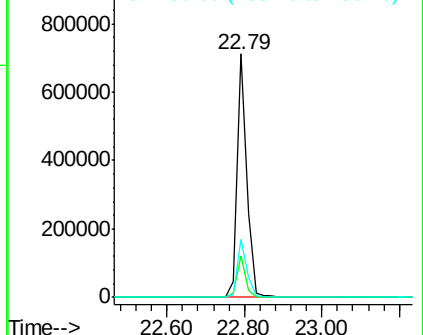
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.97 ng

RT: 20.69 min Scan# 918

Delta R.T. -0.00 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

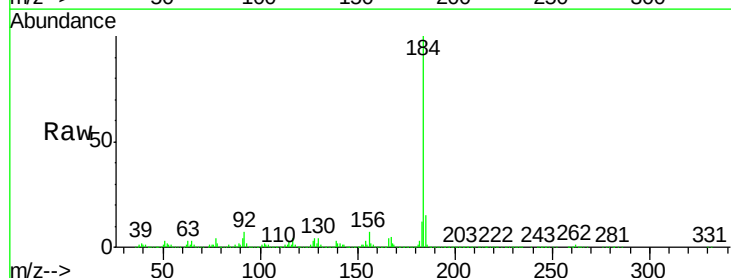
Tgt Ion:184 Resp: 1690114

Ion Ratio Lower Upper

184 100

185 15.1 11.5 17.3

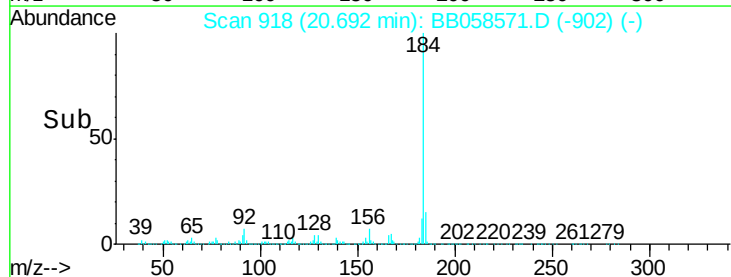
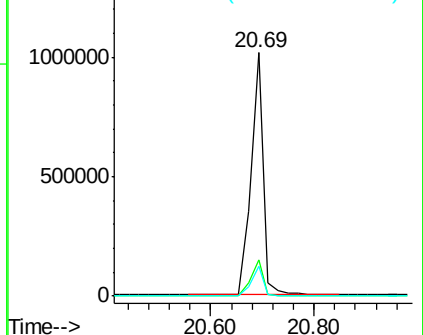
183 12.0 9.8 14.6

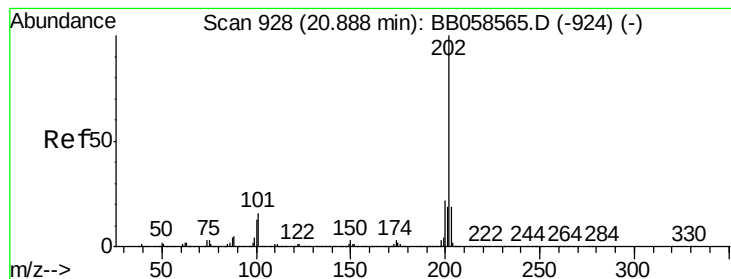


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.62 ng

RT: 20.88 min Scan# 928

Delta R.T. -0.02 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Instrument :

BNA_B

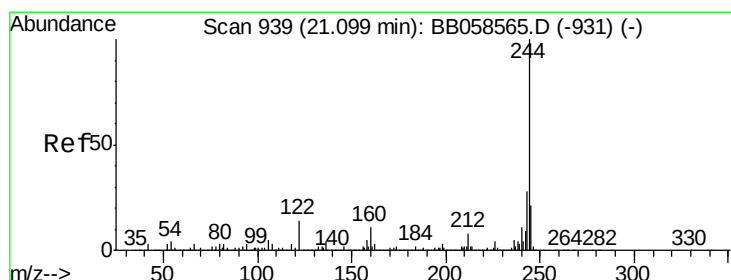
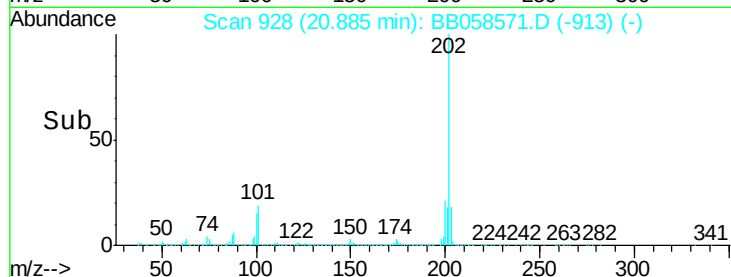
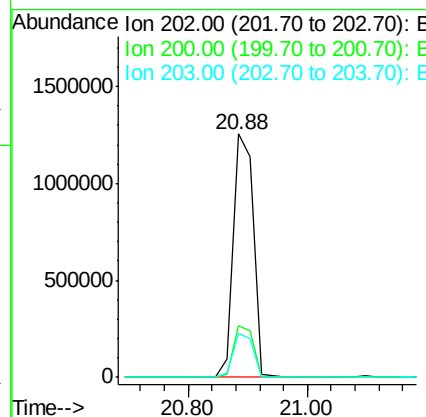
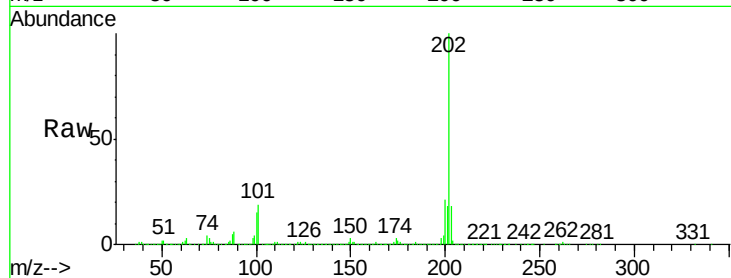
ClientSampleId :

ICVBB093016

Tot Ion:	202	Resp:	2906674
Ion	Ratio	Lower	Upper
202	100		
200	21.0	19.8	29.8
203	18.1	16.9	25.3

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#78

Terphenyl-d14

Concen: 72.04 ng

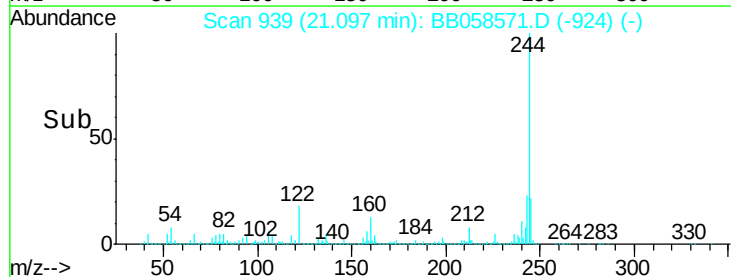
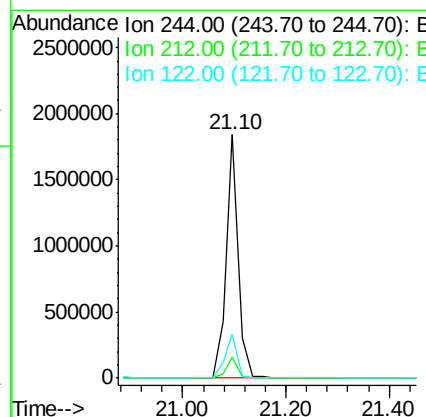
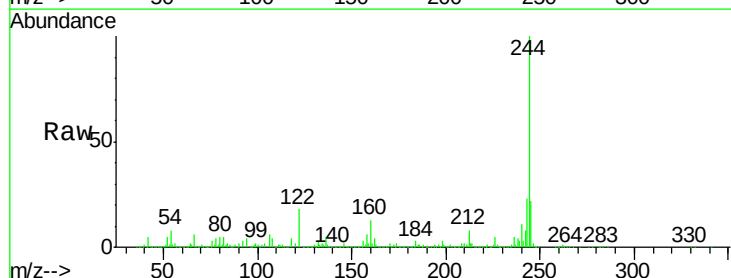
RT: 21.10 min Scan# 939

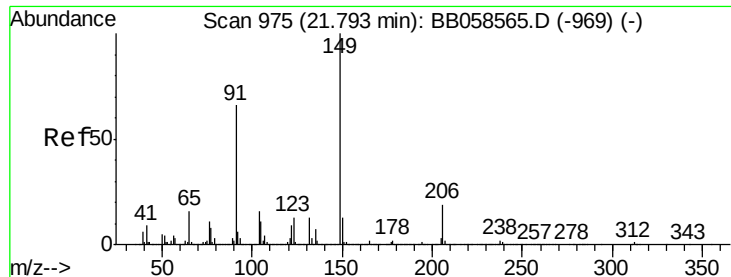
Delta R.T. -0.02 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Tgt Ion:	244	Resp:	3027404
Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.8	11.8
122	18.0	14.7	22.1





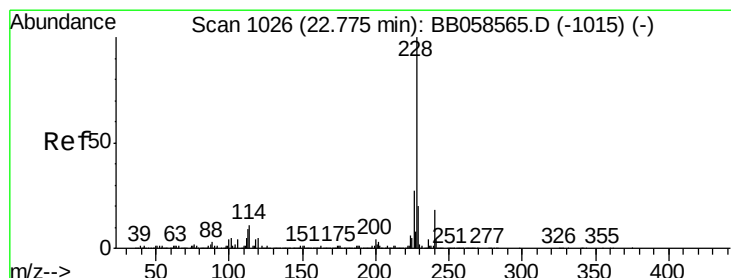
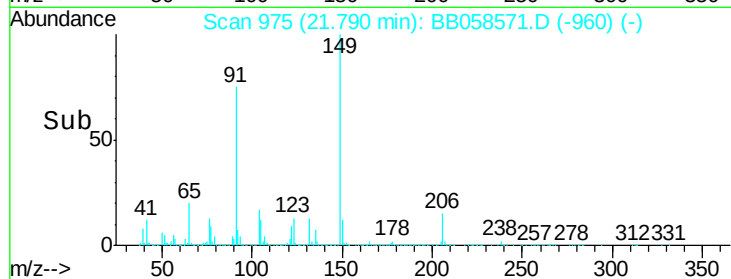
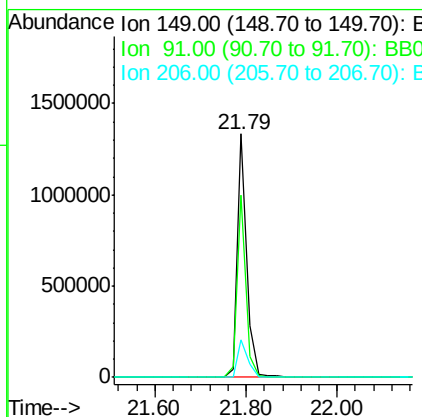
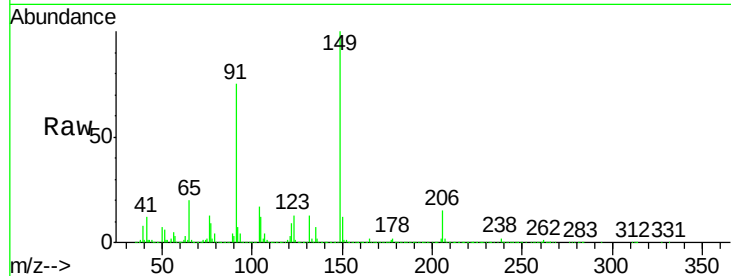
#79
Butylbenzylphthalate
Concen: 38.47 ng
RT: 21.79 min Scan# 975
Delta R.T. -0.02 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.6	57.1	85.7
206	15.4	17.0	25.4

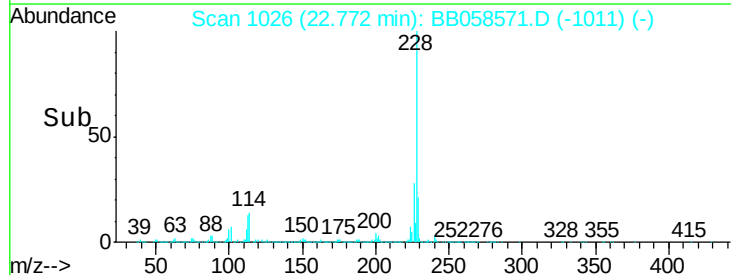
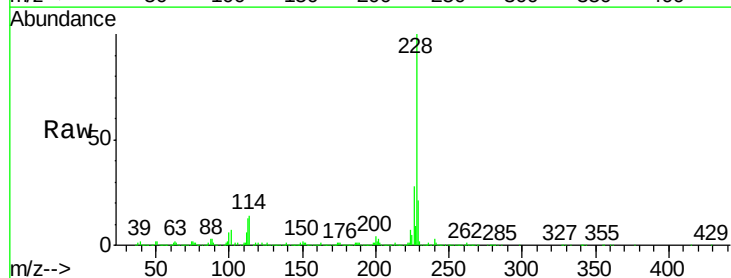
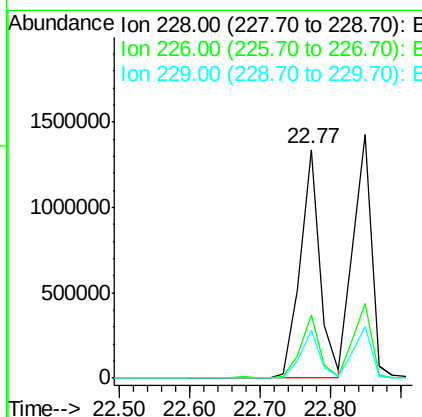
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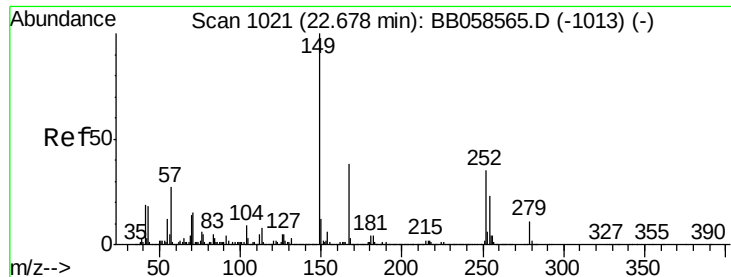
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#80
Benzo(a)anthracene
Concen: 40.27 ng
RT: 22.77 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.8	35.8
229	21.1	17.8	26.6





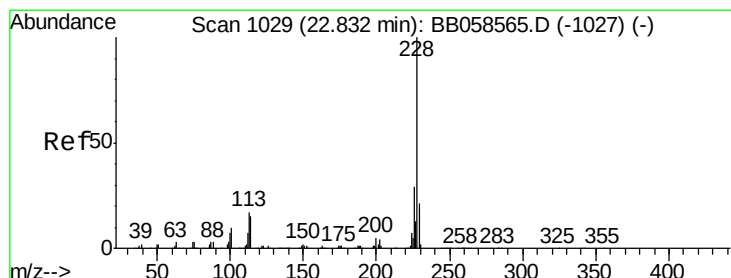
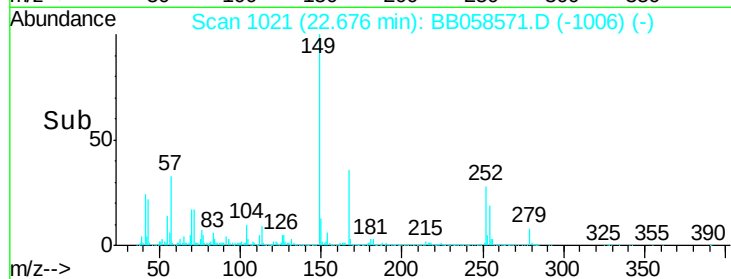
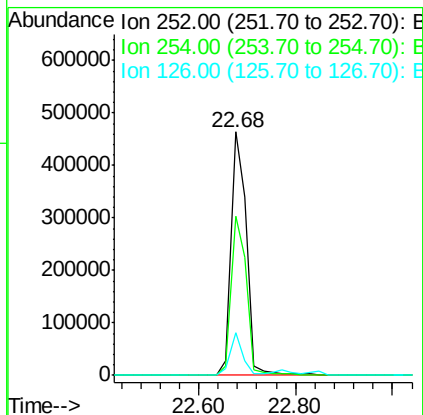
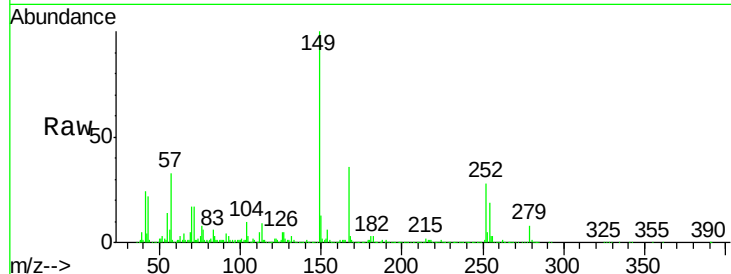
#81
 3,3'-Dichlorobenzidine
 Concen: 41.02 ng
 RT: 22.68 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.8	79.2
126	17.8	7.3	10.9

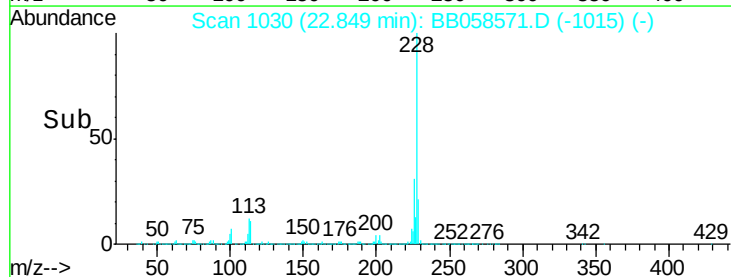
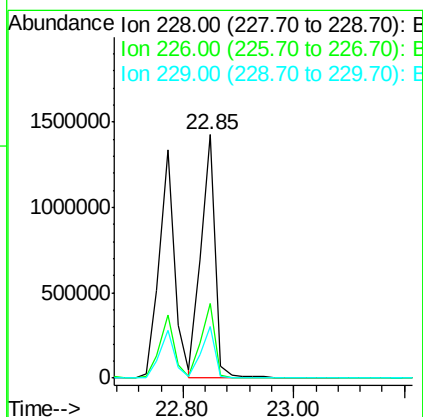
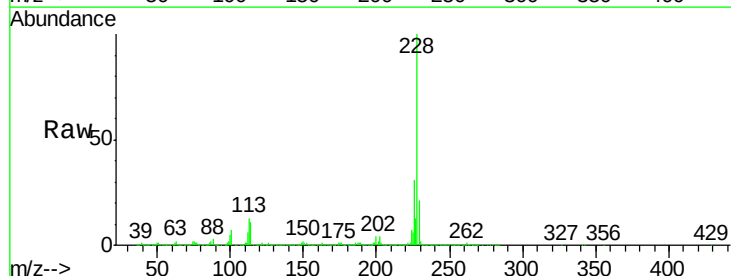
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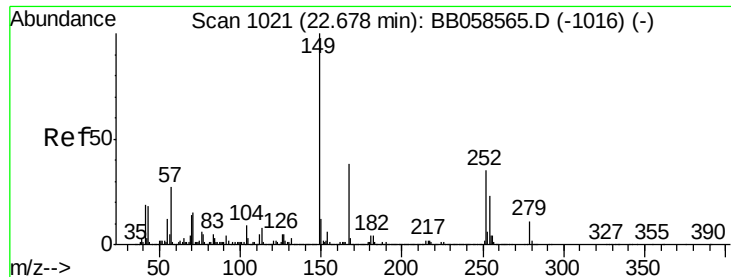
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#82
 Chrysene
 Concen: 42.07 ng
 RT: 22.85 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	27.3	40.9
229	21.2	18.6	28.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.64 ng

RT: 22.68 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Instrument :

BNA_B

ClientSampleId :

ICVBB093016

Tot Ion:149 Resp: 2561716

Ion Ratio Lower Upper

149 100

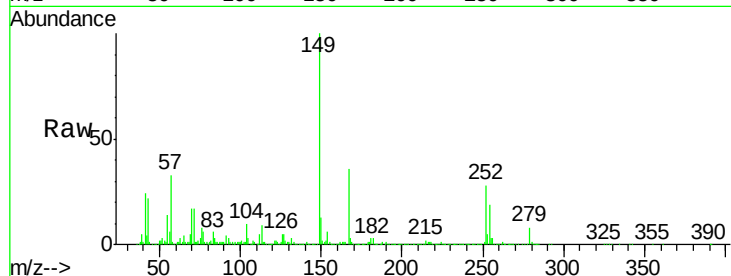
167 36.4 33.4 50.0

279 7.5 9.1 13.7#

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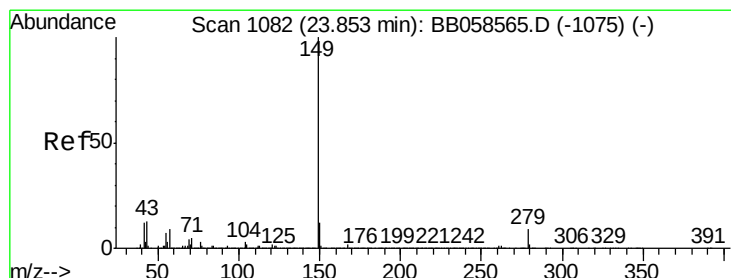
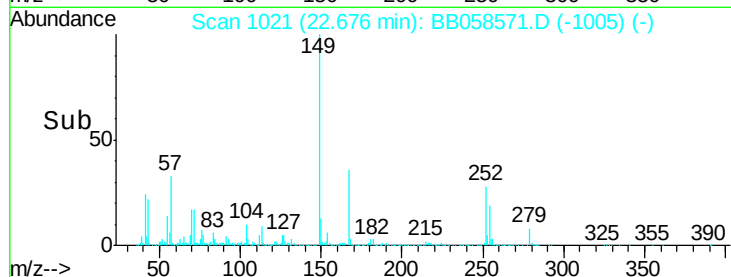
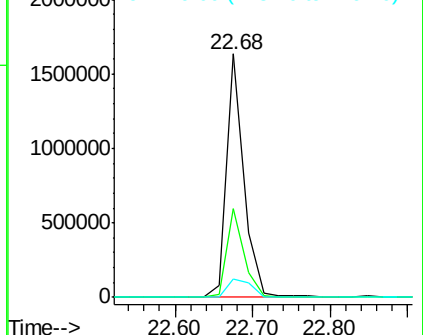
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.50 ng

RT: 23.85 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

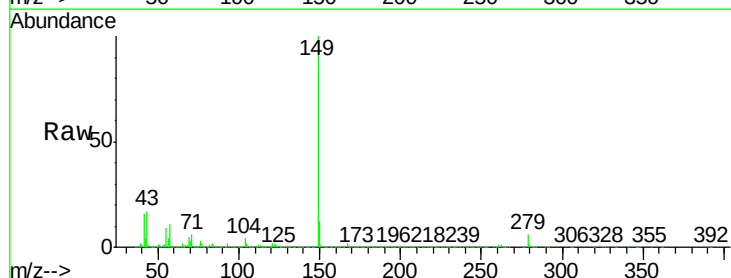
Tgt Ion:149 Resp: 4464137

Ion Ratio Lower Upper

149 100

167 1.8 1.7 2.5

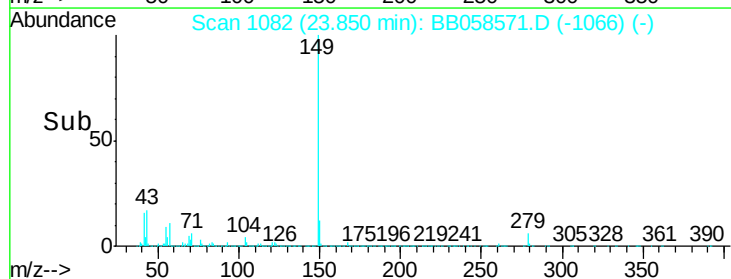
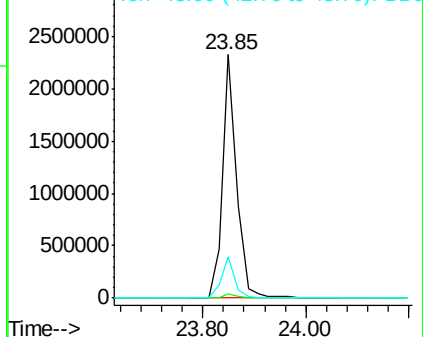
43 16.4 12.5 18.7

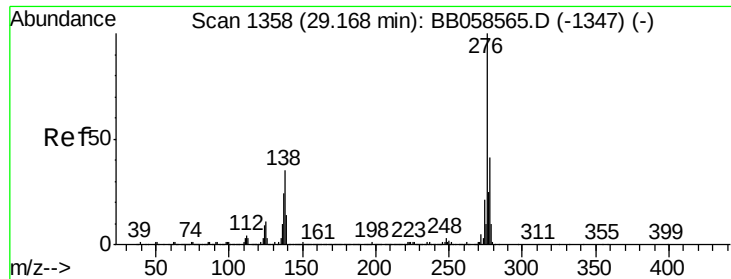


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BB0





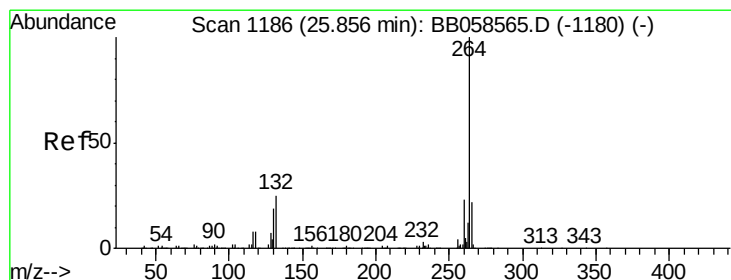
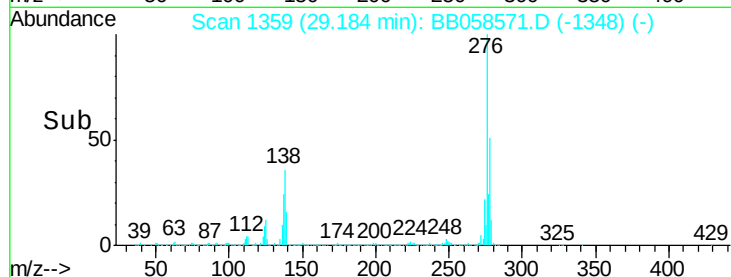
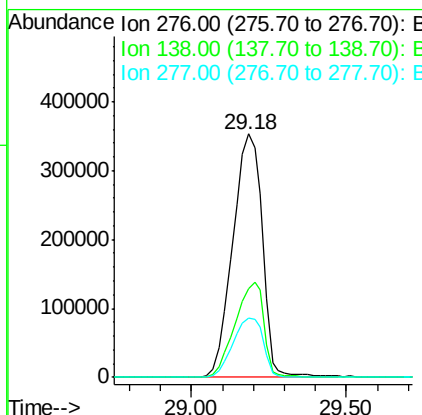
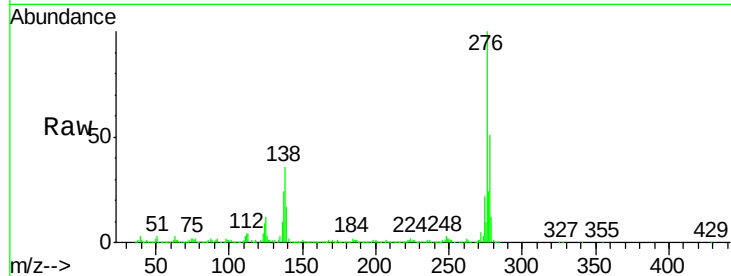
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.52 ng
RT: 29.18 min Scan# 1359
Delta R.T. -0.10 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion:276 Resp: 2343108
Ion Ratio Lower Upper
276 100
138 38.5 28.2 42.2
277 25.3 20.2 30.4

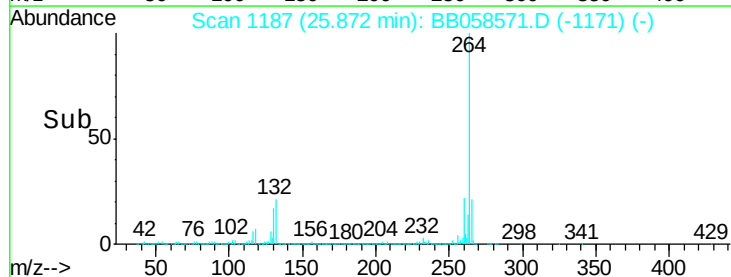
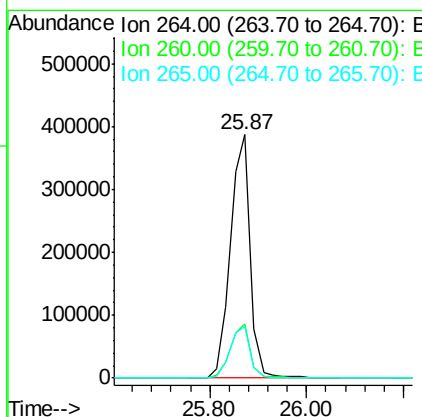
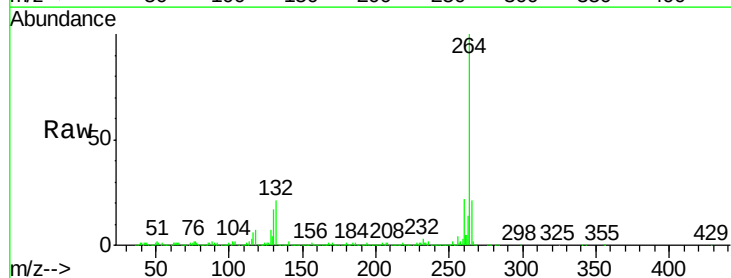
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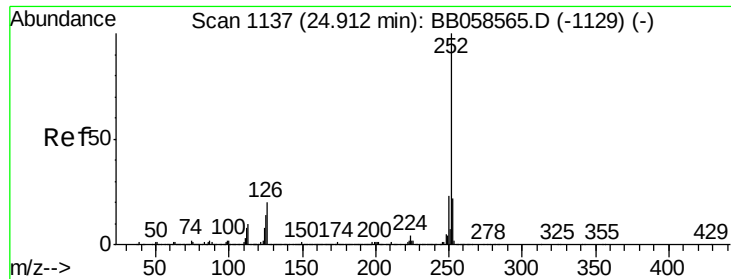
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.87 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Tgt Ion:264 Resp: 1092513
Ion Ratio Lower Upper
264 100
260 22.4 18.4 27.6
265 21.0 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 37.06 ng

RT: 24.93 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Instrument :

BNA_B

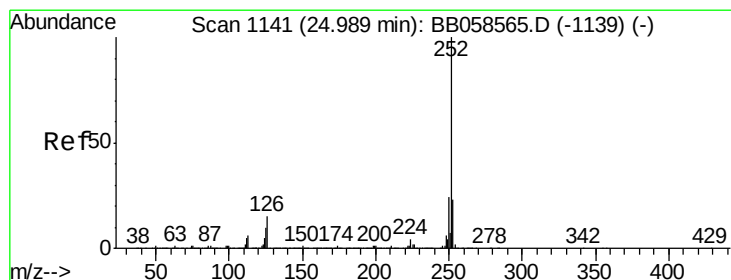
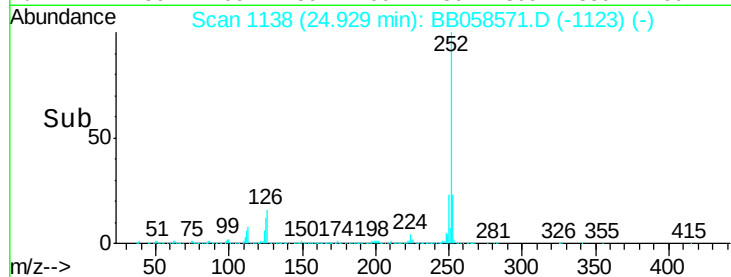
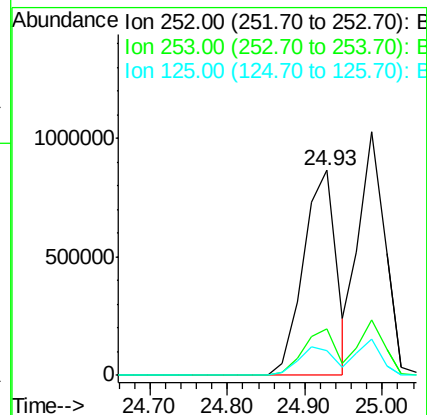
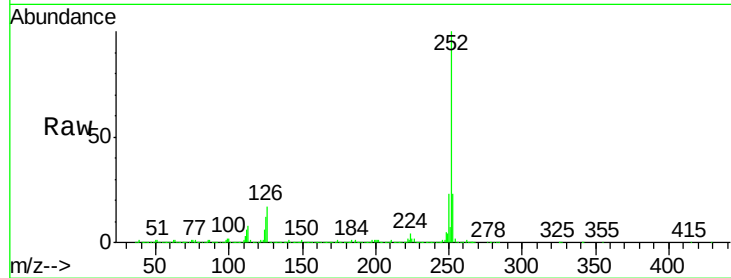
ClientSampleId :

ICVBB093016

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	12.0	11.3	16.9

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.81 ng

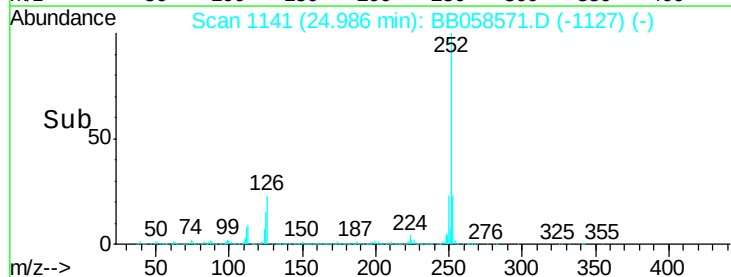
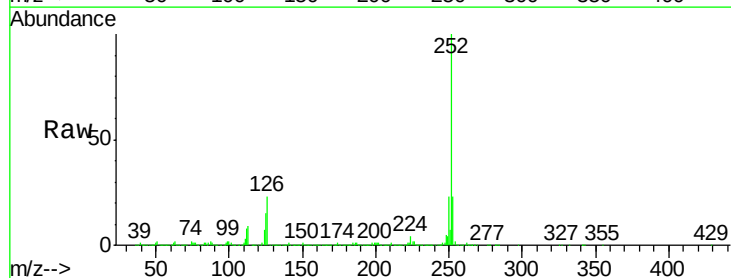
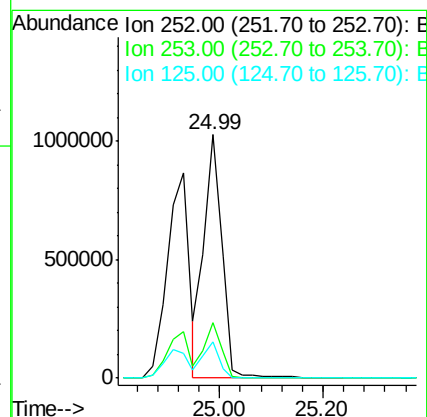
RT: 24.99 min Scan# 1141

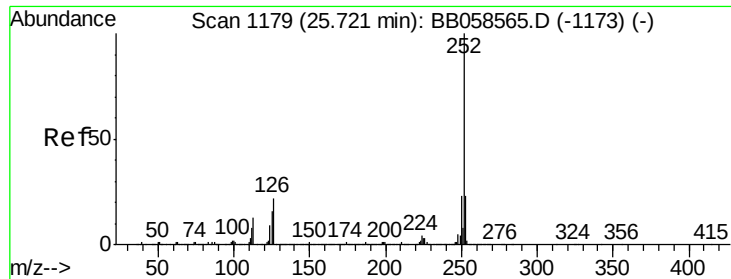
Delta R.T. -0.04 min

Lab File: BB058571.D

Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.2	28.8
125	14.9	11.0	16.6





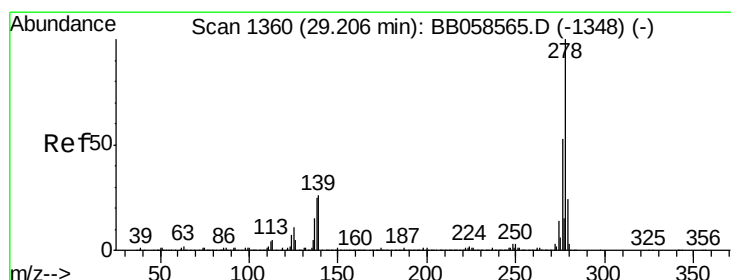
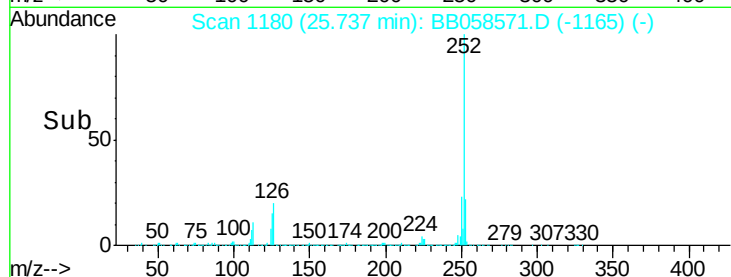
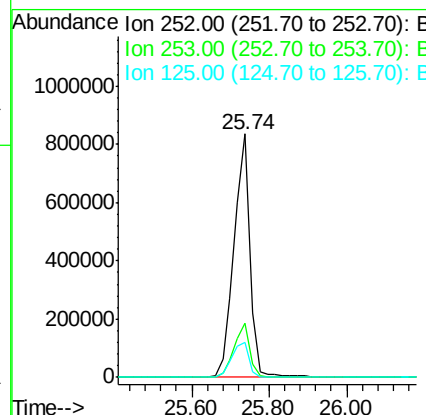
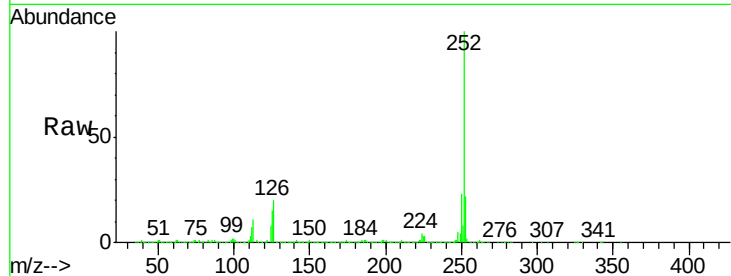
#89
Benzo(a)pyrene
Concen: 40.48 ng
RT: 25.74 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	14.5	9.5	14.3

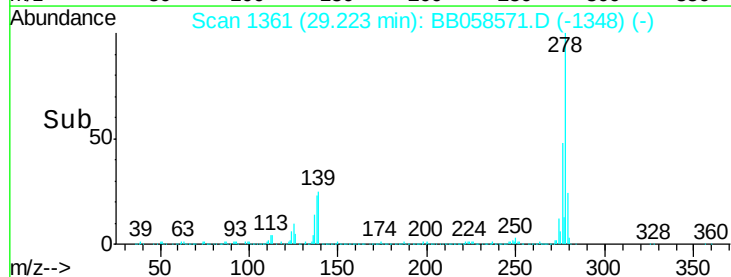
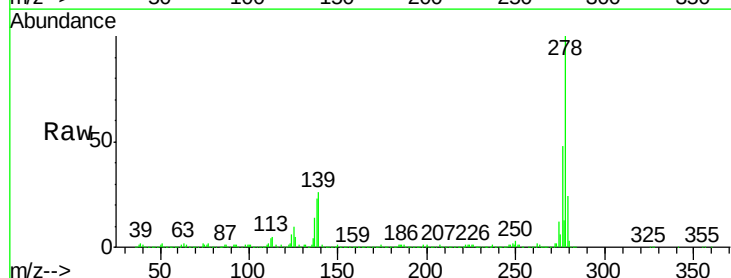
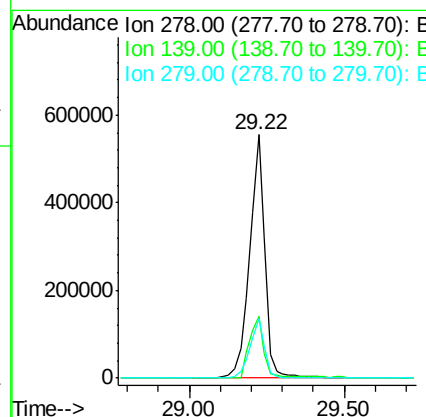
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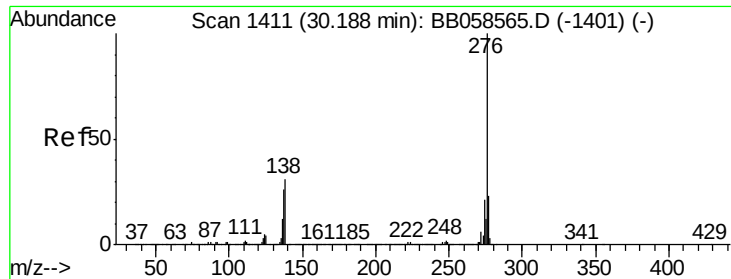
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#90
Dibenzo(a,h)anthracene
Concen: 38.97 ng
RT: 29.22 min Scan# 1361
Delta R.T. -0.06 min
Lab File: BB058571.D
Acq: 30 Sep 2016 17:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.5	19.7	29.5
279	24.2	19.9	29.9





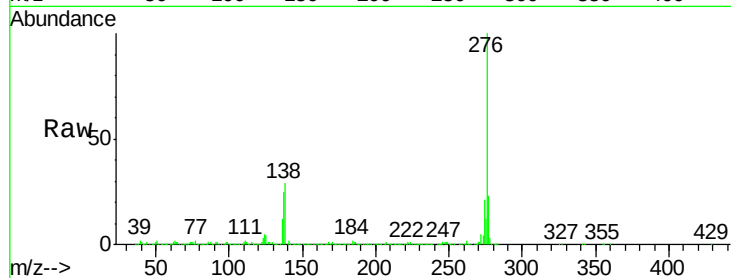
#91
 Benzo(a,h,i)perylene
 Concen: 39.11 ng
 RT: 30.20 min Scan# 1412
 Delta R.T. -0.04 min
 Lab File: BB058571.D
 Acq: 30 Sep 2016 17:31

Instrument :
 BNA_B
 ClientSampleId :
 ICVBB093016

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	29.4	22.0	33.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

